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09-26-2001

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



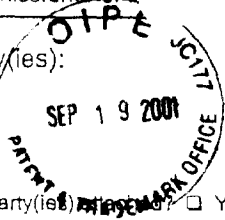
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To the Honorable Commissioner of Patents and Trademarks

101854754

Attached original documents or copy thereof.

1. Name of conveying party(ies):
Alan D. Kersey
Anthony Dandridge
Sandeep Vohra



19/19/01

2. Name and address of receiving party(ies)

Name: The United States of America as
represented by the Secretary of the Navy
Internal Address: CHIEF OF NAVAL RESEARCH

OFFICE OF COUNSEL

(ATTN: CODE OOCPIP)

Street Address: BALLSTON TOWER ONE

800 NORTH QUINCY STREET

City: ARLINGTON State: VA ZIP: 22217

Additional name(s) of conveying party(ies) Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 09/01/1998, 09/08/2000, 09/14/2001

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/093,827
NC 77,982

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ASSOCIATE COUNSEL (PATENTS)

Internal Address: NAVAL RESEARCH LABORATORY

(ATTN: CODE 1008.2)

Street Address: 4555 OVERLOOK AVENUE, S.W.

City: WASHINGTON, DC State: _____ ZIP: 20375

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-0281

(Attach duplicate copy of this page if paying by 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.

JOHN J. KAFASEK
Reg. No. 36,182

Name of Person Signing

Signature

Date

6

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012185 FRAME: 0406

ASSIGNMENT OF INVENTION

WHEREAS, I, of Alan D. Kersey, while employed by the Government of the United States of America, hereinafter referred to as the Government, has made, with Anthony Dandridge and Sandeep T. Vohra, an invention entitled **Coherent Reflectometric Fiber Bragg Grating Sensor Array**, identified as Navy Case No. 77,982 and described in application for Letters Patent of the United States of America executed by at various times after August 24, 1998; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

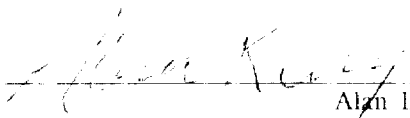
NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent of other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to us subject of a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

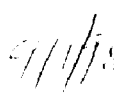
I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.

Seal


Alan D. Kersey

(date)



ASSIGNMENT

WHEREAS, We, **Alan D. Kersey, Anthony Dandridge and Sandeep Vohra**, while employed by the Government of the United States, have invented certain new and useful improvements in "**COHERENT REFLECTOMETRIC FIBER BRAGG GRATING SENSOR ARRAY**", as Navy Case No. 77,982 and described in application for Letters Patent of the United States of America U.S. Application Serial No. filed on _____ ; and:

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, we hereby assign and transfer to the Government the entire rights, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire rights, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

TESTIMONY WHEREOF, I have set my hand and affixed my seal.

(Date)

Alan D. Kersey

14th Sept 01

(Date)



Anthony Dandridge

(Date)

Sandeep Vohra

Navy Case No. 77,982
Page 2 of 2

IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.

(Date)

Alan D. Kersey

(Date)

Anthony Dandridge

Sept. 8, 2000
(Date)

Sandeep Vohra
Sandeep Vohra