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the new address(es) below.

To the Director of the U.S. Patent and Trademark Office

1. Name of conveying party(ies)

Thomas A. Ball
Jeffrey M. Snow

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 18 June 2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: The United States of America, Department of the Navy

Internal Address: Naval Surface Warfare Center, Division

Crane, Office of Counsel

Street Address: 300 Highway 361, Bldg 2

City: Crane

State: IN

Country: U.S. Zip: 47522

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

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Office of Counsel (OOL), Bldg 2

Internal Address: Naval Surface Warfare Center,
Crane Division

Street Address: 300 Highway 361, Bldg 2

City: Crane

State: IN Zip: 47522

Phone Number: 812 854 4100

Fax Number: 812 854 5170

Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 501488
Expiration Date 06/2007

b. Deposit Account Number 50-1488

Authorized User Name Christopher Monsey

9. Signature:

Signature

Christopher A. Monsey, Reg. 53,343

Name of Person Signing

Date

19 JUN 2007

Total number of pages including cover sheet, attachments, and documents 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 019521 FRAME: 0292

ASSIGNMENT OF INVENTION

Navy Case: Not Yet Assigned

WHEREAS, we, Jeffrey M. Snow, Bloomington, Indiana and Thomas A. Ball, Bloomington, Indiana, while employed by the government of the United States of America, hereinafter referred to as the Government, have invented certain new and useful improvements in ANTENNA WITH SHAPED DIELECTRIC LOADING described in application for Letters Patent of the United States of America executed by us on June 18, 2007, 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, we 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 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.

We 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 or other form of protection on the invention, and that the rights in the foreign countries not exercised under the option are left in us subject to 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.

We 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, we have set our hands and affixed our seals.



THOMAS A. BALL

18 June 2007

date



JEFFREY M. SNOW

18 Jun 07

date

PATENT

RECORDED: 06/19/2007

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