| Additional name(s) of conveying party(ies) attached? Yes V No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  Assignment  Merger  | RECORDATION FOR PATENT  To the Director of the U.S. Patent and Trademark Office: Pleasure of conveying party(les)  maid H. Steinbrecher  anal name(s) of conveying party(les) attached? Yes Notature of conveyance/Execution Date(s): | se record the attached documents or the new address(es) below.  2. Name and address of receiving party(ies) Name: The United States of America Internal Address: Naval Undersea Warfare Center, Division Newport, Office of Counsel |
|--|---|---|
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.  1. Name of conveying party(les)  Donald H. Steinbrecher  Additional name(s) of conveying party(les) attached? Yes \( \vec{V} \) No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  Assignment  A dorest record the attached documents or the new address(es) below.  2. Name and address of receiving party(les)  Name: The United States of America  Internal Address: Naval Undersea Warfare Center, Division Newport, Office of Counsel  Street Address: 1176 Howell Street | Fo the Director of the U.S. Patent and Trademark Office: Pleasure of conveying party(les)  and H. Steinbrecher  and name(s) of conveying party(les) attached? Yes V Notature of conveyance/Execution Date(s):                         | 2. Name and address of receiving party(ies) Name: The United States of America Internal Address: Naval Undersea Warfare Center, Division Newport, Office of Counsel   |
| 1. Name of conveying party(ies)  Donald H. Steinbrecher  Additional name(s) of conveying party(ies) attached? Yes ✓ No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  ✓ Assignment  Assignment  2. Name and address of receiving party(ies)  Name: The United States of America  Internal Address: Naval Undersea Warfare Center, Division  Newport, Office of Counsel  Street Address: 1176 Howell Street   | nald H. Steinbrecher  enal name(s) of conveying party(ies) attached? Yes ✓ No   | Name and address of receiving party(ies)     Name: The United States of America     Internal Address: Naval Undersea Warfare Center, Division     Newport, Office of Counsel  |
| Name: The United States of America   Internal Address: Naval Undersea Warfare Center, Division   Name: The United States of America   Internal Address: Naval Undersea Warfare Center, Division   Newport, Office of Counsel   | nald H. Steinbrecher  anal name(s) of conveying party(ies) attached? Yes V No ature of conveyance/Execution Date(s):  | Name: The United States of America Internal Address: Naval Undersea Warfare Center, Division Newport, Office of Counsel   |
| Additional name(s) of conveying party(ies) attached? Yes Vo  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  Assignment  Internal Address: Naval Undersea Warfare Center, Division Newport, Office of Counsel  Street Address: 1176 Howell Street  Merger  | enal name(s) of conveying party(ies) attached? Yes ✓ No   | Internal Address: Naval Undersea Warfare Center, Division  Newport, Office of Counsel   |
| Additional name(s) of conveying party(ies) attached? Yes ✓ No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  Assignment  Merger  | ture of conveyance/Execution Date(s):   | Newport, Office of Counsel  |
| Additional name(s) of conveying party(ies) attached? Yes I No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  Assignment  Merger  | ture of conveyance/Execution Date(s):   |   |
| 3. Nature of conveyance/Execution Date(s):  Execution Date(s) 15 July 2008  ✓ Assignment  Street Address: 1176 Howell Street   | ture of conveyance/Execution Date(s):   |   |
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|  | ssignment Merger  |   |
| Security Agreement Change of Name City: Newport  | Security Agreement Change of Name   | City: Newport   |
| Joint Research Agreement State: RI   | oint Research Agreement   | State: RI   |
| Government Interest Assignment  Country: U.S. Zip: 02841-1708  | Sovernment Interest Assignment  | Country: U.C. 7in: 03944 1709   |
| Executive Order 9424, Confirmatory License  Country: U.S. Zip: 02841-1708  | xecutive Order 9424, Confirmatory License   | Zip. <u>0284 1-1708</u>   |
| Other Additional name(s) & address(es) attached? Yes   | Other   | Additional name(s) & address(es) attached? Yes Vo   |
| 4. Application or patent number(s): This document is being filed together with a new application   | plication or patent number(s):  | <del></del>   |
| A. Patent Application No.(s)  B. Patent No.(s)   | atent Application No.(s)  | B. Patent No.(s)  |
| 12/022,537   | 2,537   |   |
| Navy Case No. 84128  | Case No. 84128  |   |
| Additional numbers attached? Yes VNo   | Additional numbers at   | tached? Yes No  |
| 5. Name and address to whom correspondence 6. Total number of applications and patents   |   | •   |
| concerning document should be mailed: involved: 1  | <del>-</del>  | involved: 1   |
| Name: Office of Counsel, Building 11 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  | 1e: Office of Counsel, Building 11  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00   |
| Internal Address: Naval Undersea Warfare Center, Division Authorized to be charged by credit card  | nal Address: Naval Undersea Warfare Center, Division  |   |
| Newport Authorized to be charged to deposit account  | ort   | Authorized to be charged to deposit account   |
| Street Address: 1176 Howell Street Enclosed  | et Address: 1176 Howell Street  |   |
| None required (government interest not affecting   |   | None required (government interest not affecting title)   |
| City: Newport 8. Payment Information   | Newport   | 8. Payment Information  |
| State: RI Zip: 02841-1708 a. Credit Card Last 4 Numbers Expiration Date  | 2: RI Zip: 02841-1708   | a. Credit Card Last 4 Numbers   |
| Phone Number: 401-832-4736   | ne Number: 401-832-4736   | <u> </u>  |
| Fax Number: 401-832-1231 b. Deposit Account Number 14-0590   | <del></del>   | ,   |
| Email Address: Authorized User Name Nuwc   | il Address:   | Authorized User Name NUWC   |
| 9. Signature: 7/1/2 Stuly 7-24-08  |   | 7-24-09   |
| Signature Date   | 1.7 00 00 00  |   |
| Total number of pages including cover  | Michael P. Stanley  |   |

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: 021344 FRAME: 0848

## ASSIGNMENT

WHEREAS, I/We, DONALD H. STEINBRECHER OF BROOKLINE, COUNTY OF NORFOLK, COMMONWEALTH OF MASSACHUSETTS, while employed by the Government of the United States, have invented certain new and useful improvements in A METHOD FOR COUPLING A DIRECT CURRENT POWER SOURCE ACROSS A NEARLY FRICTIONLESS HIGH-SPEED ROTATION BOUNDARY identified as ATTORNEY DOCKET No \$\frac{84126}{2}\$ and described in application for Letters Patent of the United States of America executed by me on

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to 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, I/We hereby assign and transfer to the Government my 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 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/We do hereby also grant unto the Government, the option to take the entire right, 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 I may elect to take foreign rights in the invention, or applications or other forms of protection thereon, if the Government is not pursuing international patent protection 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, 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 on behalf of the Government and/or in furtherance of the foreign policies of the Government.

I/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, I/We have set my hand and affixed my seal.

-DONALD H. STEINBRECHER

PATENT REEL: 021344 FRAME: 0849

**RECORDED: 07/31/2008**