

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael J. Kelley</td> <td>10/09/2012</td> </tr> <tr> <td>John Michael Klopf</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael J. Kelley	10/09/2012	John Michael Klopf	10/09/2012
Name	Execution Date						
Michael J. Kelley	10/09/2012						
John Michael Klopf	10/09/2012						
RECEIVING PARTY DATA							
Name:	Jefferson Science Associates, LLC						
Street Address:	12000 Jefferson Avenue						
City:	Newport News						
State/Country:	VIRGINIA						
Postal Code:	23606						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13651619</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13651619		
Property Type	Number						
Application Number:	13651619						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Ronald G. Sakach						
Total Attachments: 2 source=2164U_JSA_Assignment#page1.tif source=2164U_JSA_Assignment#page2.tif							

OP \$40.00 13651619

ASSIGNMENT

WHEREAS:

Michael J. Kelley  
607 Haystack Landing Road  
Newport News, VA 23602  
USA

John Michael Klopff  
28 E. Taylor Ave.  
Hampton, VA 23663  
USA

(hereinafter referred to as ASSIGNOR(S)) have invented certain new and useful improvements in an invention entitled:

METHOD OF NITRIDING NIOBIUM TO FORM A SUPERCONDUCTING SURFACE

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

WHEREAS:

Jefferson Science Associates, LLC  
12000 Jefferson Avenue  
Newport News, VA 23606  
USA

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for full and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

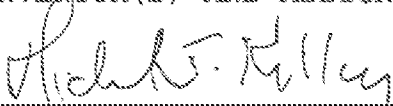
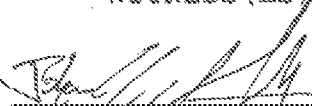
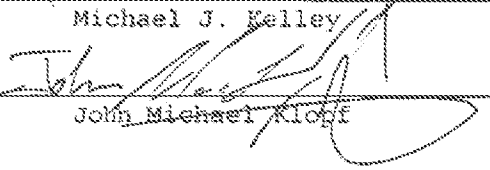
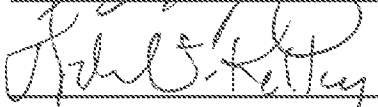
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

**SIGNATURES(S)**

The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S) AND ASSIGNOR(S):	DATE SIGNED	WITNESS(ES)
 _____ Michael J. Kelley	<u>10/9/12</u>	 _____ Michael J. Kelley
 _____ John Michael Klopff	<u>10/9/2012</u>	 _____ Michael J. Kelley