

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Daniel Branton</td> <td>12/04/2012</td> </tr> <tr> <td>Jene Golovchenko</td> <td>12/04/2012</td> </tr> <tr> <td>Christopher J. Russo</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Branton	12/04/2012	Jene Golovchenko	12/04/2012	Christopher J. Russo	12/04/2012
Name	Execution Date								
Daniel Branton	12/04/2012								
Jene Golovchenko	12/04/2012								
Christopher J. Russo	12/04/2012								
RECEIVING PARTY DATA									
Name:	President and Fellows of Harvard College								
Street Address:	17 Quincy Street								
City:	Cambridge								
State/Country:	MASSACHUSETTS								
Postal Code:	02138								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1229132</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1229132				
Property Type	Number								
PCT Number:	US1229132								
CORRESPONDENCE DATA									
Fax Number:	6174959568								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(617) 495-3067								
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ATTORNEY DOCKET NUMBER:	4062								
NAME OF SUBMITTER:	Anne Craig								
Total Attachments: 4 source=PCT US12-029132#page1.tif source=PCT US12-029132#page2.tif source=PCT US12-029132#page3.tif source=PCT US12-029132#page4.tif									

OP \$40.00 US1229132

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned:

**Daniel Branton, Jene Golovchenko and Christopher J. Russo**

(each hereafter "Assignor") hereby assign, sell, and transfer to:

**President and Fellows of Harvard College  
17 Quincy Street, Cambridge, Massachusetts 02138**

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

### **Controlled Fabrication of Nanopores in Nanometric Solid State Materials**

described in **International Patent Application No. PCT US12/029132, filed March 14, 2012**; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever

requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors or omissions in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

4 Dec 2012  
Date

Daniel Branton  
Daniel Branton

4 December 2012  
Date

Jane C. Salant  
Witness

Jane C. Salant  
Witness's Printed Name

12/4/12  
Date

Jen R. Molochuk  
Jene Golovchenko

4 December 2012  
Date

Jane C. Salant  
Witness

Jane C. Salant  
Witness's Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Christopher J. Russo

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness's Printed Name

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Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever

Patent Assignment  
HU Case 4062  
Appln. No(s): PCT US12/029132

requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

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\_\_\_\_\_  
**Date** **Daniel Branton**

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**Date** **Witness**

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**Witness's Printed Name**

\_\_\_\_\_  
**Date** **Jene Golovchenko**

\_\_\_\_\_  
**Date** **Witness**

\_\_\_\_\_  
**Witness's Printed Name**

4 Dec 2012  
\_\_\_\_\_  
**Date** **Christopher J. Russo**

4 Dec 2012  
\_\_\_\_\_  
**Date** **Witness**

Lori Passmore  
\_\_\_\_\_  
**Witness's Printed Name**