

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>Richard N. Zare</td> <td>04/30/2012</td> </tr> <tr> <td>Peng Guo</td> <td>06/14/2012</td> </tr> <tr> <td>Yaping Zhao</td> <td>06/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Richard N. Zare	04/30/2012	Peng Guo	06/14/2012	Yaping Zhao	06/02/2012		
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<table border="1"> <tr> <td>Name:</td> <td>The Board of Trustees of the Leland Stanford Junior University</td> </tr> <tr> <td>Street Address:</td> <td>1705 El Camino Real</td> </tr> <tr> <td>City:</td> <td>Palo Alto</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94306</td> </tr> </table>		Name:	The Board of Trustees of the Leland Stanford Junior University	Street Address:	1705 El Camino Real	City:	Palo Alto	State/Country:	CALIFORNIA	Postal Code:	94306
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CORRESPONDENCE DATA											
<p>Fax Number: (770)951-0933</p> <p>Phone: 770-933-9500</p> <p>Email: Jo.bryan@tkhr.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Christopher B. Linder</p> <p>Address Line 1: 400 Interstate North Parkway</p> <p>Address Line 2: Suite 1500</p> <p>Address Line 4: Atlanta, GEORGIA 30339</p>											
ATTORNEY DOCKET NUMBER:	221907-1750										
NAME OF SUBMITTER:	Christopher B. Linder										
Total Attachments: 5											

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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Richard N. Zare	724 Santa Ynez Street, Stanford, CA 94305-8441
Peng Guo	470 Del Medio Avenue, #2, Mountain View, CA 94040
Yaping Zhao	Lane 811, Building 79, Rm. 402, Minhang District, Shanghai 200240 China

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

METHODS AND SYSTEMS OF MAKING NANOSTRUCTURES

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on April 27, 2012, and assigned Serial No.: 13/457,609, and
- ☒ further described in U.S. Provisional application entitled **METHODS OF MAKING NANOSTRUCTURES**, filed with the USPTO on April 29, 2011, and assigned Serial No. 61/480,500.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, having a business at 1705 El Camino Real, Palo Alto, CA 94306-1106, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in said invention(s) and provisional application and in any and all U.S. and foreign patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the

rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

Docket No.: 221907-1750

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(Patent Assignment)

Richard N. Zare
Richard N. Zare

Date: 4/30/2012

Barbara W. Mearl
Witness

Date: 4/30/12

Maria Perle
Witness

Date: 4/30/12

Peng Guo
Peng Guo

Date: 06/14/2012

Takaya Shimura
Witness

Date: 06/14/2012

Tianx Kang
Witness

Date: 06/14/2012

Yaping Zhao

Yaping Zhao

Date: 2012-6-2

Witness

Date: _____

Witness

Date: _____