

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>Christine P. Tan</td> <td>02/27/2012</td> </tr> <tr> <td>David M. Lin</td> <td>02/17/2012</td> </tr> <tr> <td>Harold G. Craighead</td> <td>03/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christine P. Tan	02/27/2012	David M. Lin	02/17/2012	Harold G. Craighead	03/05/2012
Name	Execution Date								
Christine P. Tan	02/27/2012								
David M. Lin	02/17/2012								
Harold G. Craighead	03/05/2012								
RECEIVING PARTY DATA									
Name:	Cornell University								
Street Address:	Cornell Center for Technology, Enterprise & Commercialization (CCTEC)								
Internal Address:	395 Pine Tree Road, Suite 310								
City:	Ithaca								
State/Country:	NEW YORK								
Postal Code:	14850								
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>13389113</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13389113				
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Application Number:	13389113								
CORRESPONDENCE DATA									
Fax Number:	(312)977-9959								
Phone:	312-977-9902								
Email:	swallace@millermatthiashull.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	MILLER, MATTHIAS & HULL LLP								
Address Line 1:	ONE NORTH FRANKLIN STREET								
Address Line 2:	SUITE 2350								
Address Line 4:	CHICAGO, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	30000/D-4869-04								
NAME OF SUBMITTER:	Thomas A. Miller								

OP \$40.00 13389113

Total Attachments: 5

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ASSIGNMENT

File
Apt 07-1265
Singapore
520,204

*204 Tampines St 21,
Singapore*

WHEREAS, We, Christine P. Tan a Singapore citizen, residing at ~~700 Warren~~ Road, ~~18-3C, Ithaca, NY 14850~~; David M. Lin, a United States citizen, residing at 1050 Highland Rd., Ithaca, NY 14850, and Harold G. Craighead, a United States citizen, residing at 21 Fairway Drive, Ithaca, NY 14850 have invented certain new and useful improvements in **METHODS AND APPARATUS FOR HIGH-THROUGHPUT FORMATION OF NANO-SCALE ARRAYS** for which an application for Letters Patent in the United States is filed herewith.

AND WHEREAS, Cornell University, with its principal place of business at Cornell Center for Technology, Enterprise & Commercialization ("CCTEC"), 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of February, 2012



Christine P. Tan

STATE OF Singapore
COUNTY OF Singapore SS:

Country This 27 day of February, 2012, before me personally came the above-named Christine P. Tan, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Witness [Signature]
TONG SENG KAY
Date: 27-2-12

Witness [Signature]
TONG TIONG SIEW
DATE: 27-2-12

Notary Public
Commission expires on _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2012.

David M. Lin

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2012, before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

ASSIGNMENT

File
Apt 07-1205
Singapore
520204

204 Tampines St 21,
File

WHEREAS, We, Christine P. Tan a Singapore citizen, residing at ~~700 Warren Road, 18-3C, Ithaca, NY 14850~~; David M. Lin, a United States citizen, residing at 1050 Highland Rd., Ithaca, NY 14850, and Harold G. Craighead, a United States citizen, residing at 21 Fairway Drive, Ithaca, NY 14850 have invented certain new and useful improvements in **METHODS AND APPARATUS FOR HIGH-THROUGHPUT FORMATION OF NANO-SCALE ARRAYS** for which an application for Letters Patent in the United States is filed herewith.

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NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day
of _____, 2012

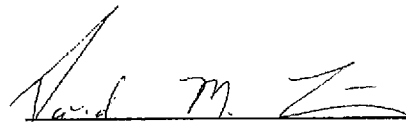
Christine P. Tan

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2012, before me personally came the
above-named _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day
of February, 2012.



David M. Lin

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2012, before me personally came the
above-named _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of March, 2012.

Harold G. Craighead
Harold G. Craighead

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2012 before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

Witness 1: Cheri Sigmund Cheri Sigmund 3/5/12
NAME SIGNATURE DATE

Witness 2: Mark A. Williams Mark Williams 3/5/12
NAME SIGNATURE DATE