

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4746034

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH M. DESIMONE	05/22/2007
JASON P. ROLLAND	05/18/2007
BENJAMIN MAYNOR	05/21/2007
LARKEN E. EULISS	05/22/2007
GINGER DENISON ROTHROCK	05/18/2007
ANSLEY EXNER DENNIS	05/22/2007
EDWARD T. SAMULSKI	05/22/2007
R. JUDE SAMULSKI	05/23/2007
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Street Address:	109 CHURCH STREET
City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27516
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15846827
CORRESPONDENCE DATA	
Fax Number:	(919)862-2260
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	919-862-2200
Email:	Laura.Tremont@alston.com
Correspondent Name:	BRYAN L. SKELTON
Address Line 1:	4721 EMPEROR BLVD.
Address Line 2:	SUITE 400
Address Line 4:	DURHAM, NORTH CAROLINA 27703-8580
ATTORNEY DOCKET NUMBER:	035052/508384
NAME OF SUBMITTER:	BRYAN L. SKELTON
SIGNATURE:	/bryan l. skelton/

PATENT

DATE SIGNED:	12/21/2017
Total Attachments: 11 source=2017-12-20 508384 Assignment#page1.tif source=2017-12-20 508384 Assignment#page2.tif source=2017-12-20 508384 Assignment#page3.tif source=2017-12-20 508384 Assignment#page4.tif source=2017-12-20 508384 Assignment#page5.tif source=2017-12-20 508384 Assignment#page6.tif source=2017-12-20 508384 Assignment#page7.tif source=2017-12-20 508384 Assignment#page8.tif source=2017-12-20 508384 Assignment#page9.tif source=2017-12-20 508384 Assignment#page10.tif source=2017-12-20 508384 Assignment#page11.tif	

ASSIGNMENT

WHEREAS, we, Joseph M. DeSimone, of Chapel Hill, North Carolina, Jason P. Rolland, of Durham, North Carolina, Benjamin W. Maynor, of Durham, North Carolina, Larken E. Euliss, of Chapel Hill, North Carolina, Ginger Denison Rothrock, of Durham, North Carolina, Ansley Exner Dennis, of August, Georgia, Edward T. Samulski, of Chapel Hill, North Carolina, and R. Jude Samulski, of Chapel Hill, North Carolina, hereinafter ("Assignors"), have invented certain new and useful improvements in METHODS FOR FABRICATING ISOLATED MICRO-AND NANO-STRUCTURES USING SOFT OR IMPRINT LITHOGRAPHY for which a PCT International Patent Application claiming priority to U.S. Application No. 60/531,531 filed December 19, 2003, U.S. Application No. 60/583,170 filed June 25, 2004, and U.S. Application No. 60/604,970 filed August 27, 2004, was filed on December 20, 2004 as Serial No. PCT/US2004/042706.

AND, WHEREAS, The University of North Carolina at Chapel Hill, a non-profit organization located at Chapel Hill, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, their entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

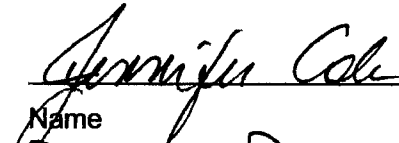
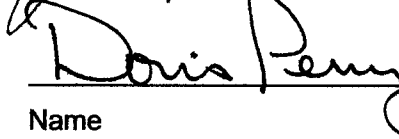
Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further

compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 22nd day of May 2007.


Joseph M. DeSimone

Witnessed by:

	<u>5/22/07</u>
Name	Date
	<u>5/22/07</u>
Name	Date

Executed this _____ day of _____ 2007.

Jason P. Rolland

Witnessed by:

Name Date

Name Date

compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this _____ day of _____ 2007.

Joseph M. DeSimone

Witnessed by:

Name

Date

Name

Date

Executed this 18 day of May 2007.



Jason P. Rolland

Witnessed by:

Name

Date

Name

Date

STATE OF North Carolina :

: SS.

COUNTY OF Durham :

Before me, a notary public in and for the State and County aforesaid, on this 18 day of May, ~~2007~~, personally appeared **Jason P. Rolland**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Misty L. Lueck
3-25-2012

PATENT

REEL: 044460 FRAME: 0109

Executed this 21 day of May 2007.

Benjamin Maynor
Benjamin Maynor

Witnessed by:

Name Date

Name Date

Executed this _____ day of _____ 2007.

Larken E. Euliss

Witnessed by:

Name Date

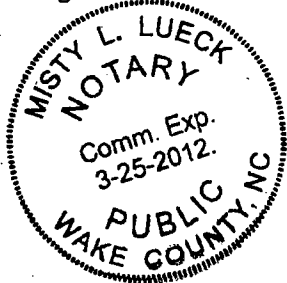
Name Date

STATE OF North Carolina :

: SS.

COUNTY OF Durham :

Before me, a notary public in and for the State and County aforesaid, on this 18 day of May, 2007, personally appeared **Ginger Denison Rothrock**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Misty L. Lueck
3-25-2007

STATE OF North Carolina :

: SS.

COUNTY OF Durham :

Before me, a notary public in and for the State and County aforesaid, on this 21 day of May, 2007, personally appeared **Benjamin Maynor**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Misty L. Lueck
3-25-2007

Executed this _____ day of _____ 2007.

Benjamin Maynor

Witnessed by:

Name Date

Name Date

Executed this 22 day of May 2007.

Larken E. Eullss
Larken E. Eullss

Witnessed by:

Beth Kunk 5/22/07
Name Date

Michael 5/22/07
Name Date

Executed this 18 day of May 2007.


Ginger Denison Rothrock

Witnessed by:

Name

Date

Name

Date

Executed this _____ day of _____ 2007.

Ansley Exner Dennis

Witnessed by:

Name

Date

Name

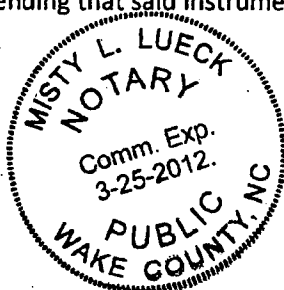
Date

STATE OF North Carolina :

: SS.

COUNTY OF Durham :

Before me, a notary public in and for the State and County aforesaid, on this 18 day of May, 2007, personally appeared **Ginger Denison Rothrock**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Misty L. Lueck
3-25-2007

STATE OF North Carolina :

: SS.

COUNTY OF Durham :

Before me, a notary public in and for the State and County aforesaid, on this 21 day of May, 2007, personally appeared **Benjamin Maynor**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Misty L. Lueck
3-25-2007

Executed this _____ day of _____ 2007.

Ginger Denison Rothrock

Witnessed by:

Name

Date

Name

Date

Executed this 22nd day of May 2007.

Ansley Exner Dennis

Ansley Exner Dennis

Witnessed by:

[Signature] 5/22/07

Name

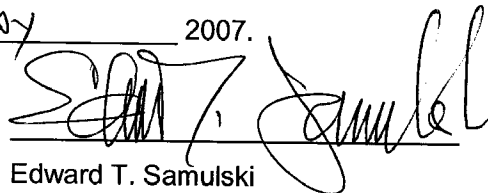
Date

[Signature] 5/22/07

Name

Date

Executed this 22 day of May 2007.


Edward T. Samulski

Witnessed by:

S. S. He 05/22/2007

Name

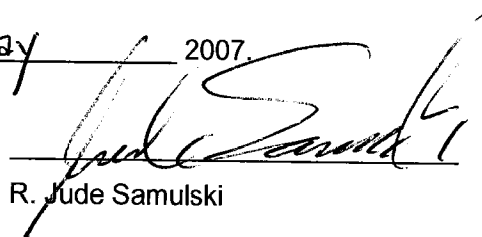
Date

He Pederson 05/22/2007

Name

Date

Executed this 23 day of May 2007.


R. Jude Samulski

Witnessed by:

Blake Allen 5-23-07
Name John Date

Alvin J. Hawke 5/23/07
Name Date