

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)	Execution Date(s)
Name: Alexander A. Green	09/15/2010
Name: Mark C. Hersam	09/07/2010
Name:	/ /
Name:	/ /
Name:	/ /

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name (In1): Northwestern University

Name (In2): _____

Address: 633 Clark Street

Address: _____

City: Evanston

State: Illinois Zip: 60208

Country: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Submission Type

☒ New

☐ Resubmission (Non-Recordation) Document ID# _____

☐ Correction of PTO Error
Reel # _____ Frame # _____

☐ Corrective Document
Reel # _____ Frame # _____

4. Nature of conveyance

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

5. Application or patent number(s):

A. Patent Application No(s).
12/856,348

☐ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

6. Name and address to whom correspondence concerning document should be mailed:

Name: Patent Administrator

Address: K&L Gates LLP
State Street Financial Center
Address: One Lincoln Street

City, State: Boston, MA

Zip: 02111-2950

Phone No.: 617-261-3100

Fax No.: 617-261-3175

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

☐ Check enclosed

☒ Authorized to be charged to Deposit Account No. **50-1721**

Authorized to charge required additional fees to Deposit Account:
☒ Yes ☐ No

Charges to deposit account are authorized as indicated herein.

9. Signature: 
Signature

September 22, 2010
Date

Karen K. Chan
Name of Person Signing

L0415
Registration No.

Total number of pages including cover sheet, attachments, and documents:

4

Attorney Docket No. NNW-005

ASSIGNMENT

WHEREAS, We, Alexander A. Green and Mark C. Heisam have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

SORTING TWO-DIMENSIONAL NANOMATERIALS BY THICKNESS

and identified by

☐ Attorney Docket No. NNW-005, and/or executed by us on even date herewith and about to be filed in the U.S. Patent and Trademark Patent Office; and

☒ Serial No. 12/856,348 filed in the U.S. Patent and Trademark Office on August 13, 2010; and

WHEREAS, Northwestern University (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Illinois and having a usual place of business at 633 Clark Street, Evanston, Illinois 60208, United States of America, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, at least as early as the filing date of said application, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

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AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

Inventor:

Alexander A. Green
Alexander A. Green

State of ~~Illinois~~ Massachusetts)
County of Suffolk) ss

On this 15th day of September, 2010, Alexander A. Green personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

[Signature]
Signature of Notary

(Seal)

My Commission Expires: _____



HYUN YONG WOO
Notary Public
Commonwealth of Massachusetts
My Commission Expires
March 9, 2012

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Inventor:

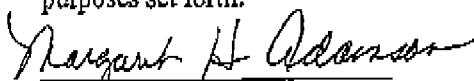

Mark C. Hersam

9/7/10

State of Illinois)

County of) ss

On this 7th day of SEPT., 2010, Mark C. Hersam personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.


Signature of Notary

My Commission Expires:

4/16/12

BOS-1427105 v1

K&L | GATES

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Boston, MA 02111-2950
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FAX

Date • September 22, 2010**Pages •** 5**Time •****Transmit To •** Mail Stop: Assignment Recordation Services**Company/Firm •** U.S. Patent and Trademark Office**Telephone No. •****Fax No. •** 571-273-0140**From •** Karen K. Chan**Phone •** 617.261.3215**Secretary •** Lisa Marie Solis**Phone •** 617-261-3284**Docket No. •** NNW-005**COMMENTS:**

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PATENT**RECORDED: 09/22/2010****REEL: 025031 FRAME: 0400**