

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>Sang Ouk KIM</td> <td>01/16/2012</td> </tr> <tr> <td>Won Jong LEE</td> <td>01/16/2012</td> </tr> <tr> <td>Duck Hyun LEE</td> <td>01/16/2012</td> </tr> <tr> <td>Tae Hee HAN</td> <td>01/16/2012</td> </tr> <tr> <td>Ji Eun KIM</td> <td>01/16/2012</td> </tr> <tr> <td>Jin Ah LEE</td> <td>01/16/2012</td> </tr> <tr> <td>Keon Jae LEE</td> <td>01/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sang Ouk KIM	01/16/2012	Won Jong LEE	01/16/2012	Duck Hyun LEE	01/16/2012	Tae Hee HAN	01/16/2012	Ji Eun KIM	01/16/2012	Jin Ah LEE	01/16/2012	Keon Jae LEE	01/16/2012
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Application Number:	13322385																
CORRESPONDENCE DATA																	
Fax Number:	(703)370-4809																
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CH \$40.00 13322385

NAME OF SUBMITTER:

ABRAHAM HERSHKOVITZ

Total Attachments: 3

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PATENT

REEL: 027573 FRAME: 0609

ASSIGNMENT

WHEREAS, **Sang Ouk KIM**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; **Won Jong LEE**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; **Duck Hyun LEE**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; **Tae Hee HAN**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; **Ji Eun KIM**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; **Jin Ah LEE**, whose post office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea; and **Keon Jae LEE**, whose post office address is 203-402, Smari City apt., 4-6, Doryong-dong, Yuseong-gu, Deajeon 305-340, Republic of Korea; hereinafter referred to as ASSIGNORS, have invented a certain improvement relating to:

3-DIMENSIONAL NANOSTRUCTURE HAVING NANOMATERIALS STACKED ON GRAPHENE SUBSTRATE AND FABRICATION METHOD THEREOF

for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office, on November 23, 2011, as Application No.: 13/322,385.

AND WHEREAS, **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY**, an entity organized and existing under the laws of Republic of Korea whose post-office address is Korea Advanced Institute of Science and Technology, 335 Science Road, Yuseong-gu, Deajeon 305-701, Republic of Korea, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and patent, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application for the United States, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patents when granted, including any and all renewals, reissues, and prolongations thereof, for use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

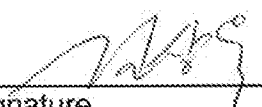
AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this Assignment is executed by said ASSIGNORS.

Sang Ouk KIM

Printed Name


Signature

Date: JAN 16, 2012

Won Jong LEE

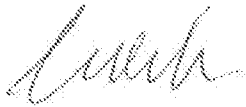
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Signature

Date: Jan 16, 2012

Duck Hyun LEE

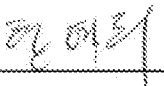
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Signature

Date: Jan 16, 2012


Tae Hee HAN

Printed Name


Signature

Date: Jan 16, 2012

JI Eun KIM
Printed Name


Signature

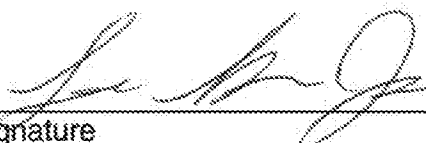
Date: JAN. 16, 2012

Jin Ah LEE
Printed Name


Signature

Date: 16 Jan 2012

Keon Jae LEE
Printed Name


Signature

Date: 16 Jan 12