

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>Jai Kyeong Kim</td><td>03/21/2008</td></tr><tr><td>Jung Soo Park</td><td>03/21/2008</td></tr><tr><td>June Whan Choi</td><td>03/21/2008</td></tr><tr><td>Dae-Seok Na</td><td>03/21/2008</td></tr><tr><td>Jae-Hyun Lim</td><td>03/21/2008</td></tr><tr><td>Joo-Won Lee</td><td>03/21/2008</td></tr></tbody></table>	Name	Execution Date	Jai Kyeong Kim	03/21/2008	Jung Soo Park	03/21/2008	June Whan Choi	03/21/2008	Dae-Seok Na	03/21/2008	Jae-Hyun Lim	03/21/2008	Joo-Won Lee	03/21/2008	
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RECEIVING PARTY DATA															
Name:	Korea Institute of Science and Technology														
Street Address:	39-1 Hawolgok-dong, Seongbuk-gu														
City:	Seoul														
State/Country:	REPUBLIC OF KOREA														
Postal Code:	136-791														
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>12360567</td></tr></tbody></table>	Property Type	Number	Application Number:	12360567											
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Application Number:	12360567														
CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	8111-134-999														
NAME OF SUBMITTER:	Lawrence R. Gabuzda														

CH \$40.00 12360567

PATENT

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Total Attachments: 3

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket Number
 8111-134-999

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

1. Name of conveying party(ies):

Jai Kyeong Kim
 Jung Soo Park
 June Whan Choi
 Dae-Seok Na
 Jae-Hyun Lim
 Joo-Won Lee

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

2. Name and address of receiving party(ies):

Name: Korea Institute of Science and Technology

Address: 39-1 Hawolgok-dong, Seongbuk-gu
 Seoul 136-791

Country (if other than USA): Republic of
 Korea

Zip Code:

3. Nature of conveyance:

- ☒ Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Execution Date: March 21, 2008

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s) _

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
 concerning document should be mailed:

JONES DAY
 222 East 41st Street
 New York, New York 10017-6702

6. Number of applications
 and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$40
 Please charge to the deposit account listed in Section 8.

8. Deposit account number:

50-3013


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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Lawrence R. Gabuzda
 Name of Person Signing

51.711
 Reg. No.


 Signature

1/27/2009
 Date

Total number of pages including cover sheet:

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
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 Or fax documents to Fax No.: 571-273-0140

ASSIGNMENT

WHEREAS, WE, KIM, Jai Kyeong; PARK, Jung Soo; CHOI, June Whan; NA, Dae-Seok; LIM, Jae-Hyun; and, LEE, Joo-Won, citizens of Republic of Korea, residing at Taeyong Apt. 102-702, Daehung-dong, Mapo-gu, Seoul 121-764, Republic of Korea; Mirae Chervill 401, 297-55 Haengdang 1-dong, Seongdong-gu, Seoul 133-867, Republic of Korea; Yeoksam Lucky Apt. 110, Dogok-dong, Gangnam-gu, Seoul 135-858, Republic of Korea; 82 Suchang-dong, Jung-gu, Daegu 700-370, Republic of Korea; Sindong-a Apt. 117-1002, Banghak 3-dong, Dobong-gu, Seoul 132-023, Republic of Korea; and, 340 Haengdang-dong, Seongdong-gu, Seoul 133-870, Republic of Korea respectively are the inventors of the invention in for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
- ☐ which is identified by Jones Day docket no.
- ☐ which was filed on , Application No.
- ☒ We hereby authorize and request our attorney, _____, of Jones Day, , to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY of 39-1 Hawolgok-dong, Seongbuk-gu, Seoul 136-791, Republic of Korea, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

ORGANIC/INORGANIC HYBRID THIN FILM PASSIVATION LAYER FOR BLOCKING MOISTURE/
OXYGEN TRANSMISSION AND IMPROVING GAS BARRIER PROPERTY

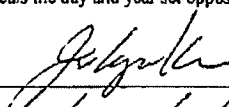
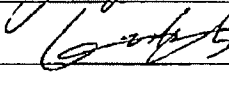
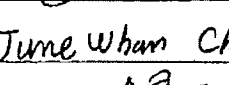
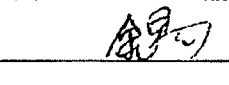
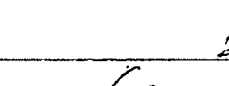

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

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

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	March 21	, 2008		KIM, Jai Kyeong	L.S.
Date	March 21	, 2008		PARK, Jung Soo	L.S.
Date	March 21	, 2008		CHOI, June Whan	L.S.
Date	March 21	, 2008		NA, Dae-Seok	L.S.
Date	March 21	, 2008		LIM, Jae-Hyun	L.S.
Date	March 21	, 2008		LEE, Joo-Won	L.S.

811-134-999

State of)
) SS.:
County of)

On _____, 2008, before me, _____, Notary Public, personally appeared _____, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal
