

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Cha Seung Il</td> <td>09/14/2010</td> </tr> <tr> <td>Kunichi Miyazawa</td> <td>09/14/2010</td> </tr> <tr> <td>Jedeok Kim</td> <td>09/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	Cha Seung Il	09/14/2010	Kunichi Miyazawa	09/14/2010	Jedeok Kim	09/14/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>National Institute for Materials Science</td> </tr> <tr> <td>Street Address:</td> <td>2-1, Sengen 1-chome, Tsukuba-shi</td> </tr> <tr> <td>City:</td> <td>Ibaraki</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	National Institute for Materials Science	Street Address:	2-1, Sengen 1-chome, Tsukuba-shi	City:	Ibaraki	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12733411</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12733411				
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CORRESPONDENCE DATA									
<p>Fax Number: (202)721-8250</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2027218200</p> <p>Email: wlp@wenderoth.com</p> <p>Correspondent Name: Wenderoth Lind & Ponack L L P</p> <p>Address Line 1: 1030 15th Street N W</p> <p>Address Line 2: Suite 400 East</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>									
ATTORNEY DOCKET NUMBER:	2010_0271A								
NAME OF SUBMITTER:	Linda Deutscher								
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>									

OP \$40.00 12733411

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PATENT
REEL: 025038 FRAME: 0648

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Cha SEUNG II
Kunichi MIYAZAWA
Jedeok KIM

Insert Name(s) of Assignee(s) the undersigned hereby sell(s) and assign(s) to
NATIONAL INSTITUTE FOR MATERIALS SCIENCE
Address of 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki, Japan

Title of Invention (hereinafter designated as the Assignee) the entire right, title and interest for the United States as
defined in 35 USC 100, in the invention known as
SUBSTRATE HAVING FULLERENE THIN WIRES AND METHOD FOR MANUFACTURE
THEREOF

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned
on September 14, 2010

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordal of this document

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 14, 2010

Chae Seung H
Chae SEUNG H

Date _____

Date September 14, 2010

Kunichi MIYAZAWA
Kunichi MIYAZAWA

Date September 14, 2010

Jedeok KIM
Jedeok KIM

Date _____

Date _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness _____

Witness _____

ACKNOWLEDGMENT

_____ } ss
_____ }

This _____ day of _____, 20____, before me personally came the above-named _____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No.: 12/733,411

Filing Date: February 26, 2010

Applicant Reference Number: 08FD29PCT/US0

Attorney Docket No.: 2010-02714

PATENT

RECORDED: 09/24/2010

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