

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephen R. Forrest</td> <td>04/23/2009</td> </tr> <tr> <td>Michael S. Arnold</td> <td>05/01/2009</td> </tr> <tr> <td>Jeramy D. Zimmerman</td> <td>04/20/2009</td> </tr> <tr> <td>Richard Lunt</td> <td>04/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Stephen R. Forrest	04/23/2009	Michael S. Arnold	05/01/2009	Jeramy D. Zimmerman	04/20/2009	Richard Lunt	04/20/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Regents of the University of Michigan</td> </tr> <tr> <td>Street Address:</td> <td>1214 S. University Ave., 2nd Floor</td> </tr> <tr> <td>Internal Address:</td> <td>Office of Technology Transfer</td> </tr> <tr> <td>City:</td> <td>Ann Arbor</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48104-2592</td> </tr> </table>		Name:	The Regents of the University of Michigan	Street Address:	1214 S. University Ave., 2nd Floor	Internal Address:	Office of Technology Transfer	City:	Ann Arbor	State/Country:	MICHIGAN	Postal Code:	48104-2592
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CORRESPONDENCE DATA													
<p>Fax Number: (609)631-2401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 609-631-2400</p> <p>Email: WJKouh@duanemorris.com</p> <p>Correspondent Name: DUANE MORRIS LLP - Princeton</p> <p>Address Line 1: PO BOX 5203</p> <p>Address Line 4: PRINCETON, NEW JERSEY 08543-5203</p>													
ATTORNEY DOCKET NUMBER:	Y3422-00201												
NAME OF SUBMITTER:	Won Joon Kouh												

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PATENT
REEL: 022947 FRAME: 0413

Total Attachments: 8

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ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, We, **Stephen R. Forrest**, residing at 336 Rock Creek Court, Ann Arbor, Michigan 48104, **Michael S. Arnold**, residing at 3709 Frosted Leaf Drive, Madison, WI 53719, **Jeramy D. Zimmerman**, residing at 3276 Bolgos Circle, Ann Arbor, Michigan 48105, and **Richard Lunt**, residing at 1685 Broadway Street, Apt. 102, Ann Arbor, Michigan 48105, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, our entire right, title and interest for the United States of America and for all other countries in and to certain inventions relating to **IMPROVED POLYMER WRAPPED CARBON NANOTUBE NEAR-INFRARED PHOTOACTIVE DEVICES** that are described in the specification of a United States patent application having a Serial Number of 12/419,846 and a filing date of April 8, 2009, and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that have been or may be granted therefor and any continuation, divisional, re-examination, reissue or prolongation thereof. We hereby grant permission for the attorney of record to insert the filing information into this agreement.

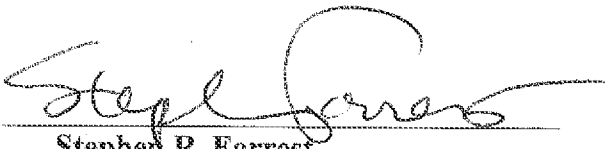
We request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

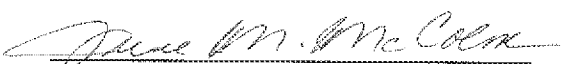
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed:


 Stephen R. Forrest

STATE OF MICHIGAN)
) ss.
 COUNTY OF WASHTENAW)

On this 23rd day of April, 2009, personally appeared before me, _____
STEPHEN R. FORREST, to me known to be the persons who executed the above
 instrument and acknowledged that he executed the same for the uses and purposes therein
 mentioned.


 Notary Public
My Commission Expires: 6/2/2013

JUNE M. MCCOLLM
 NOTARY PUBLIC, STATE OF MI
 COUNTY OF WASHTENAW
 MY COMMISSION EXPIRES Jun 2, 2012
 ACTING IN COUNTY OF Washtenaw

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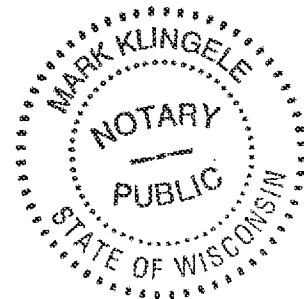
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Signed: _____


~~Stephen R. Forrest~~

Signed: _____

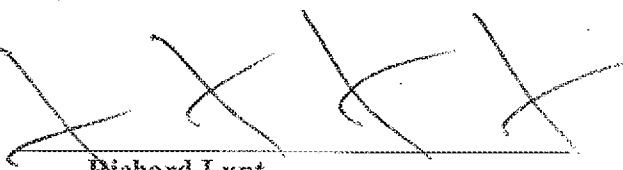
Michael S. Arnold



Signed:


Jeremy D. Zimmerman

Signed:


Richard Lunt

STATE OF

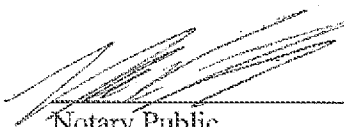
WI

COUNTY OF

DANE

} ss.

On this 1 day of May, 2009, personally appeared before me, _____
Michael Arnold, to me known to be the persons who executed the above
instrument and acknowledged that he executed the same for the uses and purposes therein
mentioned.


Notary Public

My Commission Expires: 4-1-12

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, We, **Stephen R. Forrest**, residing at 336 Rock Creek Court, Ann Arbor, Michigan 48104, **Michael S. Arnold**, residing at 3709 Frosted Leaf Drive, Madison, WI 53719, **Jeramy D. Zimmerman**, residing at 3276 Bolgos Circle, Ann Arbor, Michigan 48105, and **Richard Lunt**, residing at 1685 Broadway Street, Apt. 102, Ann Arbor, Michigan 48105, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, our entire right, title and interest for the United States of America and for all other countries in and to certain inventions relating to **IMPROVED POLYMER WRAPPED CARBON NANOTUBE NEAR-INFRARED PHOTOACTIVE DEVICES** that are described in the specification of a United States patent application having a Serial Number of 12/419,846 and a filing date of April 8, 2009, and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that have been or may be granted therefor and any continuation, divisional, re-examination, reissue or prolongation thereof. We hereby grant permission for the attorney of record to insert the filing information into this agreement.

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Signed: _____

Jeremy D. Zimmerman

Signed: _____

Richard Lunt

STATE OF MICHIGAN)
COUNTY OF WASHTENAW) ss.

On this 20 day of April, 2009, personally appeared before me, Jeremy D. Zimmerman,
Richard Lunt, to me known to be the persons who executed the above
instrument and acknowledged that he executed the same for the uses and purposes therein
mentioned.

Trasa Renee Burkhardt
Notary Public

My Commission Expires _____

Trasa Renee Burkhardt, Notary Public
State of Michigan, County of Washtenaw
My Commission Expires 3/28/2014
Acting in the County of WASHTENAW