

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>Kirk J. Ziegler</td> <td>07/25/2006</td> </tr> <tr> <td>Urs Rauwald</td> <td>08/17/2006</td> </tr> <tr> <td>Robert H. Hauge</td> <td>07/27/2006</td> </tr> <tr> <td>Howard K. Schmidt</td> <td>07/26/2006</td> </tr> <tr> <td>Irene Morin Marek</td> <td>08/06/2006</td> </tr> <tr> <td>Zhenning Gu</td> <td>08/07/2006</td> </tr> <tr> <td>W. Carter Kittrell</td> <td>07/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Kirk J. Ziegler	07/25/2006	Urs Rauwald	08/17/2006	Robert H. Hauge	07/27/2006	Howard K. Schmidt	07/26/2006	Irene Morin Marek	08/06/2006	Zhenning Gu	08/07/2006	W. Carter Kittrell	07/28/2006
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RECEIVING PARTY DATA																	
Name:	William Marsh Rice University																
Street Address:	6100 Main Street																
City:	Houston																
State/Country:	TEXAS																
Postal Code:	77005																
PROPERTY NUMBERS Total: 2																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12299634</td> </tr> <tr> <td>PCT Number:</td> <td>US2007068363</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12299634	PCT Number:	US2007068363										
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Application Number:	12299634																
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CORRESPONDENCE DATA																	
Fax Number:	7136502400																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Email:	famini@winstead.com																
Correspondent Name:	Farhang Amini																
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Address Line 2:	P.O. BOX 131851																
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ATTORNEY DOCKET NUMBER:	11321-P140WOUS; -P140WO																

CH \$80.00 12299634

NAME OF SUBMITTER:

Farhang Amini, Ph.D.

Total Attachments: 13

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Assignment of Invention

WHEREAS, I, Kirk J. Ziegler, 1105 Ft. Clarke Blvd., No. 212, Gainesville, FL 32606 USA; and I, Urs Rauwald, 1515 Bissonnet Street, No. 159, Houston, TX 77005 USA; and I, Robert H. Hauge, 4031 Turnberry Circle, Houston, TX 77025; and I Howard K. Schmidt, 20702 Bradford Creek Ct., Cypress, TX 77433 USA; and I, Irene Morin Marek, as legal representative for Richard E. Smalley, Deceased, 3 Stagestop Circle, Houston, TX 77024 USA; and I Zhenning Gu, 4045 Linkwood Dr., No. 223, Houston, TX 77025 USA; and I W. Carter Kittrell, 2408 N. Braeswood, No. 315, Houston, TX 77030 USA have invented certain new and useful improvements in: "**BULK CUTTING OF CARBON NANOTUBES USING ELECTRON BEAM IRRADIATION**" for which an application for Letters Patent was filed on May 5, 2006 under Serial Number 60/797,976;

WHEREAS, **WILLIAM MARSH RICE UNIVERSITY**, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, TX 77005 USA (hereinafter "ASSIGNEE") desires to acquire from Kirk J. Ziegler, Urs Rauwald, Robert H. Hauge, Howard K. Schmidt, Irene Morin Marek, as legal representative for Richard E. Smalley, Deceased, Zhenning Gu and W. Carter Kittrell the entire right, title and interest they have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefor in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its

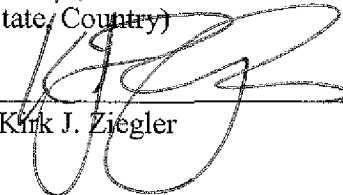
successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE 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 and Trademark Office for recordation of this document.

EXECUTED AT: Gainesville, FL USA
(City, State, Country)

Date: 7/25/06


Kirk J. Ziegler

EXECUTED AT: _____
(City, State, Country)

Date: _____

Urs Rauwald

EXECUTED AT: _____
(City, State, Country)

Date: _____

Robert H. Hauge

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EXECUTED AT: _____
(City, State, Country)

Date: _____
Urs Rauwald

EXECUTED AT: Houston TX USA
(City, State, Country)

Date: 7/27/06
Robert H. Hauge

EXECUTED AT: Houston, Texas, Harris
(City, State, Country)

Date: 7/26/06 Howard K. Schmidt
Howard K. Schmidt

EXECUTED AT: _____
(City, State, Country)

Date: _____
Irene Morin Marek, as legal representative for
Richard E. Smalley, Deceased

EXECUTED AT: _____
(City, State, Country)

Date: _____
Zhenning Gu

EXECUTED AT: Houston TX USA
(City, State, Country)

Date: 7/29/06 W. Carter Kittrell
W. Carter Kittrell

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EXECUTED AT: _____
(City, State, Country)

Date: _____
Kirk J. Ziegler

EXECUTED AT: Bremen, Germany
(City, State, Country)

Date: Aug. 17, 2006
U. Rauwald
Urs Rauwald

EXECUTED AT: _____
(City, State, Country)

Date: _____
Robert H. Hauge

EXECUTED AT: _____
(City, State, Country)

Date: _____
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EXECUTED AT: _____
(City, State, Country)

Date: _____
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Richard E. Smalley, Deceased

EXECUTED AT: _____
(City, State, Country)

Date: _____
Zhenning Gu

EXECUTED AT: _____
(City, State, Country)

Date: _____
W. Carter Kittrell

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Robert H. Hauge

EXECUTED AT: _____
(City, State, Country)

Date: _____
Howard K. Schmidt

EXECUTED AT: Houston, Texas, USA
(City, State, Country)

Date: 8/6/06
Irene Morin Marek, Independent
Irene Morin Marek, as legal representative for Executor of
Richard E. Smalley, Deceased the Estate of
Richard
E.
Smalley

EXECUTED AT: _____
(City, State, Country)

Date: _____
Zhenning Gu

EXECUTED AT: _____
(City, State, Country)

Date: _____
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EXECUTED AT: _____
(City, State, Country)

Date: 8/7/06 _____

Zhenning Gu

EXECUTED AT: _____
(City, State, Country)

Date: _____
W. Carter Kittrell