

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James M. Tour	04/19/2011
Bo Chen	05/09/2011
Austin K. Flatt	05/05/2011
Michael P. Stewart	04/18/2011
Christopher A. Dyke	04/21/2011
Francisco Maya	09/20/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	William Marsh Rice University
<b>Street Address:</b>	6100 Main Street
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11579614
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)745-5390
<b>Email:</b>	kgregg@winstead.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Frank Amini
<b>Address Line 1:</b>	PO Box 50784
<b>Address Line 4:</b>	Dallas, TEXAS 75201
<b>ATTORNEY DOCKET NUMBER:</b>	11321-P088WOUS
<b>NAME OF SUBMITTER:</b>	Farhang Amini

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**Total Attachments: 7**

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*Assignment of Invention*

**WHEREAS, James M. Tour**, residing at 4625 Spruce Street, Bellaire, Texas 77401, United States of America; **Bo Chen**, residing at 2711 Planters Street, Sugar Land, Texas 77479, United States of America; **Austin K. Flatt**, residing at 3319 Black Locust Drive, Sugar Land, Texas 77479, United States of America; **Michael P. Stewart**, residing at 392 N. Rengstorff Ave, No. 2, Mountain View, California 94043, United States of America; **Christopher A. Dyke**, residing at 960 FM 1658, Apt. 1207, Houston, Texas 77034, United States of America; and **Francisco Maya**, residing at 8252 SW 182nd Place, Beaverton, Oregon 97007, United States of America have invented certain new and useful improvements in "**CARBON NANOTUBE-SILICON COMPOSITE STRUCTURES AND METHODS FOR MAKING SAME**" for which an application was filed on September 18, 2008 under Serial Number 11/579,614,

**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, Texas 77005 (hereinafter ASSIGNEE) desires to jointly acquire from James M. Tour; Bo Chen; Austin K. Flatt; Michael P. Stewart; Christopher A. Dyke; and Francisco Maya the entire right, title and interest they have in and to said invention and to any Letters Patent that may be granted thereof from said applications 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, We, by these presents so 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 therefore 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 therefore 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: Houston, TX USA  
(City, State, Country)

Date: 4/19/2011

  
James M. Tour

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_

\_\_\_\_\_  
Bo Chen

2011

11321-P088WOUS

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: \_\_\_\_\_  
(City, State, Country)

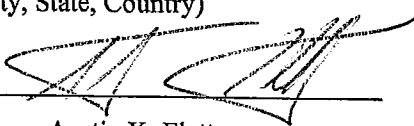
Date: \_\_\_\_\_  
James M. Tour

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: 05/09/2011 \_\_\_\_\_  
Bo Chen

EXECUTED AT: Sugar Land, TX USA  
(City, State, Country)

Date: 5-5-11

  
Austin K. Flatt

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_

Michael P. Stewart

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_

Christopher A. Dyke

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_

Francisco Maya

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Austin K. Flatt

EXECUTED AT: Santa Clara, CA, USA  
(City, State, Country)

Date: 18 april 2011  
  
Michael P. Stewart

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Christopher A. Dyke

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Francisco Maya

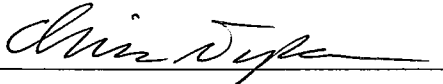
EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Austin K. Flatt

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Michael P. Stewart

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

Date: 04/21/2011  
  
Christopher A. Dyke

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Francisco Maya



EXECUTED AT: \_\_\_\_\_

(City, State, Country)

Date: \_\_\_\_\_

Austin K. Flatt

EXECUTED AT: \_\_\_\_\_

(City, State, Country)

Date: \_\_\_\_\_

Michael P. Stewart

EXECUTED AT: \_\_\_\_\_

(City, State, Country)

Date: \_\_\_\_\_

Christopher A. Dyke

EXECUTED AT: \_\_\_\_\_

Hillsboro, OR, USA  
(City, State, Country)

Date: 09/20/11

Francisco Maya