

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Richard E. Smalley</td><td>10/25/1996</td></tr><tr><td>Daniel T. Colbert</td><td>10/25/1996</td></tr><tr><td>Ting Guo</td><td>10/23/1996</td></tr><tr><td>Andrew G. Rinzler</td><td>10/25/1996</td></tr><tr><td>Pavel Nikolaev</td><td>10/25/1996</td></tr><tr><td>Andreas Thess</td><td>10/25/1996</td></tr></tbody></table>	Name	Execution Date	Richard E. Smalley	10/25/1996	Daniel T. Colbert	10/25/1996	Ting Guo	10/23/1996	Andrew G. Rinzler	10/25/1996	Pavel Nikolaev	10/25/1996	Andreas Thess	10/25/1996	
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Andreas Thess	10/25/1996														
RECEIVING PARTY DATA															
Name:	William Marsh Rice University														
Street Address:	6100 Main Street														
City:	Houston														
State/Country:	TEXAS														
Postal Code:	77005														
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>10426781</td></tr></tbody></table>	Property Type	Number	Application Number:	10426781											
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CORRESPONDENCE DATA															
Fax Number:	(877)769-7945														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	21753-002004														

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PATENT
REEL: 019786 FRAME: 0488

NAME OF SUBMITTER:

Wanda Kellar

Total Attachments: 3

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PATENT

REEL: 019786 FRAME: 0489

ASSIGNMENT

WHEREAS, we, the undersigned joint inventors, of residence as listed below next to our names, having invented certain new and useful improvements in Ropes of Single-Wall Carbon Nanotubes, described in the application for United States Letters Patent filed on July 26, 1996 as U.S. Serial No. 08/687,665; and

WHEREAS, William Marsh Rice University (hereinafter referred to as "Assignee"), a nonprofit educational organization, with an address of 6100 Main St., Houston, Texas 77843, desires to acquire our entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) each and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in Assignee's own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

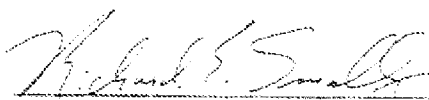
We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

Ropes of Single-Wall Carbon Nanotubes

Signature of Inventor:



Inventor's Name:

Richard E. Smalley

Residence (City, County, State)

Houston, Harris, Texas

Date:

10/25/96

Signature of Inventor:



Inventor's Name:

Daniel T. Colbert

Residence (City, County, State)

Houston, Harris, Texas

Date:

10/25/96

Signature of Inventor:



Inventor's Name:

Ting Guo

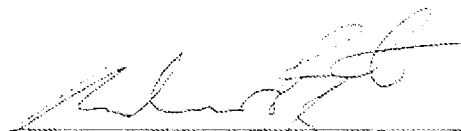
Residence (City, County, State)

San Diego, San Diego, California

Date:

10/23/96

Signature of Inventor:



Inventor's Name:

Andrew G. Rinzier

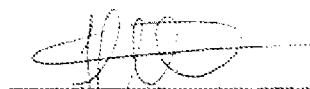
Residence (City, County, State)

Houston, Harris, Texas

Date:

10/25/96

Signature of Inventor:



Inventor's Name:

Pavel Nikolaev

Residence (City, County, State)

Houston, Harris, Texas

Date:

10/25/96

Signature of Inventor

Andreas Thess

Inventor's Name:

Andreas Thess

Residence (City, County, State)

Houston, Harris, Texas

Date:

10/25/96

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