Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCI United States Patent and Trademark Offic	
	10. 4.0~1	
To the Director of the U.S. Patent at $102852$	7.31 Euror the attached documents or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	
Zhifeng Ren	Name: Boston College	
5	Internal Address: (Same as Street Address)	
Execution Date(s) 7/15/2004  Additional name(s) of conveying party(ies) attached? Yes No.  3. Nature of conveyance:	Street Address: 21 Campanella Way 550	
✓ Assignment Merger	City: Chestnut Hill	
Security Agreement Change of Name	State: Massachusetts	
Government Interest Assignment	Otate. Wassachuseus	
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 02467	
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No	
10/413,598  Additional numbers att	tached? ☐Yes ✓No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: David M. LaPrairie, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00	
Internal Address: (Same as Street Address)	Authorized to be charged by credit card	
	✓ Authorized to be charged to deposit account	
Street Address: Howard & Howard Attorneys PC	✓ Enclosed	
Suite 101, 39400 Woodward Avenue	None required (government interest not affecting title)	
City: Bloomfield Hills	8. Payment Information	
State: MI Zip: 48304-5151	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: 248-723-0442		
Fax Number: <u>248-645-1568</u>	b. Deposit Account Number 08-2789	
Email Address:	Authorized User Name David M. LaPrairie	
9. Signature: Javid M. Lasrair	9/28/2004	
Signature	Date	
David M. LaPrairie Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Ivalle of Ferson Signing	Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:	

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**PATENT REEL: 015846 FRAME: 0828** 

Docket No.: 65,092-038

## **ASSIGNMENT**

WHEREAS I, ZHIFENG REN, residing at 19 Carter Street, Newton, Massachusetts 02460, have invented certain new and useful improvements in an invention entitled

## METHOD OF PRODUCING A BRANCHED CARBON NANOTUBE FOR USE WITH AN ATOMIC FORCE MICROSCOPE

which is set forth in a patent application in the United States Serial No. 10/413,598, filed on April 14, 2003, Attorney Docket No. 65,092-038; and

WHEREAS, BOSTON COLLEGE, an entity having a place of business at 21 Campanella Way 550, Chestnut Hill, Massachusetts 02467, U.S.A., hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and said patent application and any domestic and foreign patent or patents that may be obtained therefore or thereupon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One United States Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, assigns, or other legal representatives, the full and entire right, title and interest in and to said invention and said patent application, including the right of said ASSIGNEE, its successors, assigns, or other legal representatives to file any and all divisional, continuation, and continuation-in-part applications claiming priority to said patent application, or the right to seek reissues or extensions of any patent that may be issued for said invention, with the same to be held and enjoyed by said ASSIGNEE as fully and entirely as the same would have been held by me had this Assignment and sale not been made; and

HEREBY AGREE that I, my heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of said ASSIGNEE, its successors, assigns, or other legal representatives, without undue delay, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, said applications, and any patent or patents that may be obtained therefore; and

HEREBY FURTHER ASSIGN unto said ASSIGNEE, its successors, assigns, or other legal representatives, the whole right, title and interest in and to said invention throughout all countries foreign to the United States, including the right to file any foreign patent applications claiming priority to said patent application and otherwise seek any patent in any foreign country, and including the right to file any divisional, continuation, and continuation-in-part applications claiming priority to said foreign patent application where such procedure is proper, or the right to seek reissues or

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Docket No.: 65,092-038

extensions of any patent in any foreign country, and I do hereby ratify any acts of said ASSIGNEE in applying for a patent in said ASSIGNEE's own name in any foreign country where such procedure is proper and do hereby agree to execute said foreign patent applications in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of said foreign patent applications and any patents to be obtained therefore to said ASSIGNEE; and

HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to said ASSIGNEE in accordance with this Assignment; and

HEREBY REPRESENT and warrant that I have the full right to convey the entire interest of said invention and said applications herein assigned and have not granted any rights inconsistent with the rights granted herein.

Date

Zhifeng Ren

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

DAVID M. LAPRAIRIE, ESQ. HOWARD & HOWARD ATTORNEYS, P.C. 39400 Woodward Avenue, Suite 101 Bloomfield Hills, Michigan 48304-5151 (248) 645-1483

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RECORDED: 10/04/2004

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PATENT REEL: 015846 FRAME: 0830