### RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner of Patents and Trademarks, Washington, D.C. 20231

Please record the atta	iched document				
Name of conveying party(ies):	2. Name and address of receiving party(ies);				
Charles M. Liebe <del>r</del>	Name: Brown University Research Foundation				
Additional name(s) of conveying pany(ies) attached?   Yes   No	Address: P.O. Box 1949				
3. Nature of Conveyance:	an Privila				
⊠ Assignment ☐ Merger	City: Providence State: RI ZIP Code: 02912				
Security Agreement Change of Name					
Other: To correct the Notice of Recordation of Assignment Document recorded on June 23, 2008 at	Country: United States				
reel 021149 and frame 0069. Please correct the serial					
number from 11/863,679 to 11/883,679.					
Execution Date: June 4, 2008	Additional name(s) & address(es) attached?   Yes   No				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application, the A. Patent Application No.(s):	e execution date of the application is:				
11/883,679	212				
	   ched?				
5. Name and address of party to whom correspondence	6. Total number of applications				
concerning document should be mailed:	and/or patents involved: 1				
Name: Harry Smith	7. Total fee (37 CFR 3.41):\$40.00				
Address: Harrington & Smith, P.C.	☐ Enclosed				
4 Research Drive	Charge deposit account				
City Cl. Mary	Please charge any fee deficiency to deposit account				
City: Shelton					
State: CT ZIP Code: 06484-6212	8. Deposit account number: 50-1924				
DO NOT USE	THIS SPACE				
9. Statement And Signature:					
To the best of my knowledge and belief, the foregoin document is either an original document	ig information is true and correct and, the attachea or a true coby of the original document.				
	7/2/200				
Harry Smith Name of Person Signing S					
Name of Forson Signing	ignature Date				
- · · · · · · · · · · · · · · · · · · ·	Total number of pages including cover sheet(s): 8				
	Page 1 of 8.				

JUL. 2. 2009 2:56PM

HARRINGTON & SMITH

 $\mathbf{EET}^{\,(}$ 

SNO. 894"7. U 1P. 5)

ı	E ADOLE SLAD BENEFITHE AND UNITED US BOUR BOUR FOR A VIEW				
Commissioner of Patents and Tradem:	103510091				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Charles M. Lieber	Name: Brown University Research Foundation				
Additional name(s) of conveying party(ics) attached?  3. Nature of Conveyance:	P.O. Box 1949				
	City: Providence State: RI ZIP Code: 02912  Country: United States				
Execution Date: June 4, 2008	Additional name(s) & address(es) attached?				
4. Application number(s) or patent number If this document is being filed together with A. Patent Application No.(s): 11/863,679					
5. Name and address of party to whom con	rrespondence 6. Total number of applications				
concerning document should be mailed					
Name: Harry Smith Address: Harrington & Smith, LLP 4 Research Drive City: Shelton	7. Total fee (37 CFR 3.41):\$40.00  Enclosed Charge deposit account Please charge any fee deficiency to deposit account				
State: CT ZIP Cod	de: 06484-6212 8. Deposit account number: <u>50-1924</u>				
DO NOT USE THIS SPACE					
9. Statement And Signature:					
To the best of my knowledge at document is either a <u>Harry Smith</u> Name of Person Signing	nd belief, the foregoing information is true and correct and, the attached an original document,  Signature  Signature				
	Total number of pages including cover sheet(s): 4 . Page 1 of 4.				
	1 age 1 01 4.				

86/23/2008 MJAMA1 08800059 118636?9

91 FC:8921

40.08 OP

**PATENT REEL: 022904 FRAME: 0853**  Docket No.: 904.0127.U1(US)

For U.S. and/or Foreign Rights For U.S. Application or U.S. Patent

#### ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR:

DEHON

Andre

RESIDENCE &

CITY & STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP:

Philadelphia, Pennsylvania

US

POST OFFICE ADDRESS:542 S. Melville Street, Philadelphia, Pennsylvania 19143

(2) ASSIGNOR (inventor):

**FULL NAME** 

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR:

LIEBER

Charles

M.

RESIDENCE &

CITY & STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP:

Lexington, Massachusetts

US

POST OFFICE ADDRESS: 27 Hayes Avenue, Lexington, Massachusetts 02420

(3) ASSIGNOR (inventor):

**FULL NAME** 

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR:

SAVAGE

John

E.

RESIDENCE &

CITY & STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP:

Providence, Rhode Island

US

POST OFFICE ADDRESS:65 Humboldt Avenue, Providence, Rhode Island 02906

1

PATENT

REEL: 022904 FRAME: 0854

### (4) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR:

RACHLIN

Eric

RESIDENCE &

CITY & STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP:

Providence, Rhode Island

US

POST OFFICE ADDRESS: 260 Brown Street, Providence, Rhode Island 02906

hereby sell(s), assign(s) and transfer(s) to

#### ASSIGNEE:

Brown University One Prospect Street Providence, Rhode Island 02912

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled:

# Apparatus, Method and Computer Program Product Providing Radial Addressing of Nanowires

which is found in:

	. 4		application				_	
I E	tha	the state of the state of the	A 44 44   1 A A 44 A 44	Arantad.	~ m +la ~	~~~~~	حضمات	1
	ше	Datecti	MOOTICALITIE	executed	OTH INC.	V ATTICE	ояте	петециит
		PLUCTE	The feathern and	A12AA #4A#	OIL MIA	JOHELL	THE CO	TAMES AND STREET

PCT International patent application number PCT/US2006/003840 filed on February 2, 2006,

and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

2

PATENT REEL: 022904 FRAME: 0855 ASSECTABLES in the community that ASSECTATE with upon its request, be provided primarily with all particular and documents relating to addition and sold follows Present and legal equivalents as displicable and accessible to ASSECTATES and officerity as to the source in any interference, illigation or provessible maked thereo and will promptly extends and deliver up as SECTATES are legal representatives my and all papers, increases or Alliquetts engaled to apply for, obtain, maintain, issue and enforce said application, and investigated a will better Patent and said applications thereof which may be necessary or desirable as easy, as the purpossystematic

(1) Assigner Name: Andre DEHOR	Duk
भिश्चम्बद्धम् इ.स.च्या	
Name:	Date
(2) Chad M. Jail Assigner Name: Charles M. Latelling	June 4, 20
Witnessed	6 /4. /es
	100 No.
NEW PAREL	And the second of the second s
· · · · ·	ent men recommend and the control of
(3) Assignor Name: John E SAVAGE	Date
· · · · ·	Date
(9) Assignor Name: John E. SAVAGH Witnesser	Date
(3) Assignor Norde: John E. SAVAGH	Date  Date
(3) Assignor Name: John E. Savagn Witnessed (3) Name:	Date
(9) Assignor Name: John E. SAVAGH Witnesser	-
(3) Assignor Name: John E. Savagn Witnessed (3) Name:	Date
(3) Assignor Name: John E. SAVAGE Witnessed (2) Name: (4) Assignor Name: Endo RACES, IN	Date

.....23- \*\*\* · 1 \*\*

PATENT

REEL: 022904 FRAME: 0856

.. J 72%. 1. 4°

**RECORDED: 07/02/2009** 

HARRINGTON & SMITH

NO. 894 P. 6

904.0127.U1(US)

# RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner of Patents and Trademarks, Washington, D.C. 20231

Please record the attached document				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Charles M. Lieber	Name: Brown University Research Foundation			
!	-			
Additional name(s) of conveying pany(ies) attached?   Yes No	Address: P.O. Box 1949			
3. Nature of Conveyance:	City: Providence			
🖾 Assignment 🔲 Merger	State: RI ZIP Code: 02912			
Security Agreement Change of Name				
Other:	Country: United States			
Execution Date: June 4, 2008	Additional name(s) & address(es) attached?   Yes  No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the A. Patent Application No.(s):	e execution date of the application is:			
11/863,679	D. A diotal Protogram			
Additional numbers attr	ached? Tes No			
5. Name and address of party to whom correspondence	6. Total number of applications			
concerning document should be mailed:				
1	and/or patents involved:			
Name: Harry Smith				
Address: Harrington & Smith, LLP	Enclosed			
4 Research Drive	Charge deposit account			
City: Shelton	Please charge any fee deficiency to deposit account			
i i				
State: CT ZIP Code: 06484-6212	8. Deposit account number: 50-1924			
DO NOT USE	THIS SPACE			
	BOOK TILLIAM			
9. Statement And Signature:				
To the best of my knowledge and belief, the foregoin	ng information is true and correct and, the attached			
document is either an original document	or a true copy of the original document.			
	- Chahao			
Harry Smith Name of Borrow Signing	- sortails			
Name of Person Signing S	Eigna Tre Date			
	Total number of pages including cover sheet(s): 4 .			
<del></del>	Page 1 of 4			

**PATENT** 

REEL: 022904 FRAME: 0857