

DOCUMENT ID # 700115455

Docket No.: 1982-SPL

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

FORM PTO-1596 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
POB/REV03

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Osiander
Jennifer L. Sample

Additional names(s) of conveying party(ies)

Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other Corrective Assignment to correct S/N 06049493
previously recorded on reel/frame #014973/029
Execution Date: _____

2. Name and address of receiving party(ies):

Name: THE JOHNS HOPKINS UNIVERSITY

Internal Address: _____

Street Address: 34th and Charles Streets

City: Baltimore State: MD ZIP: 21218

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/916,730

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Francis A. Cooch, Reg. No. 31,495

Internal Address: Office of Patent Counsel

The Johns Hopkins University/Applied Physics

Laboratory

Street Address: 11100 Johns Hopkins Road

City: Laurel State: MD ZIP: 20723

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

01-2218

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Francis A. Cooch

Francis A. Cooch

9/28/2004

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 9

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22315-1450

700118264

REEL: 015189 FRAME: 0914

CH \$40.00 012218 10916730

Docket No. 1982-SPL

PATENT
ASSIGNMENT
Page 1ASSIGNMENT

WHEREAS, Robert Osiander and Jennifer L. Sample, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application entitled:

METHOD OF MAKING CARBON NANOTUBE ARRAYS, AND THERMAL INTERFACES USING SAME,

which application was executed by them on 7/30/04 and 7/30/04 ;
respectively, and

WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of their employment by ASSIGNEE, the ASSIGNORS do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and possessions and in all foreign countries and the entire right, title and interest in and to said international application and any substitutions, divisions, continuations, or continuations-in-part based upon said application, and in and to any and all Letters Patent, whether original or reissue, which may be granted for said invention in the United States and its territories and possessions and in any and all foreign countries, the invention, said patent application, and any and all such patents to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its legal representatives as fully and entirely as the same would have been held by the ASSIGNORS had this agreement not been made.

THE ASSIGNORS here further agree to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any substitutions, divisions, continuations, or continuations-in-part of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested, provided, however that they shall not have to pay any expenses arising from extending such assistance.

PATENT
REEL: 015189 FRAME: 0915

Docket No.: 1982-SPL

Inventors: Robert Osiander and Jennifer L. Sample

Title: METHOD OF MAKING CARBON NANOTUBE ARRAYS, AND THERMAL INTERFACES USING SAME

Page 2

THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, he has set his hand and affixed his seal on the date given hereinbelow.

[Signature] SEAL 7/30/04 DATE
Robert Osiander

STATE OF MARYLAND)
COUNTY OF CARROLL)

Subscribed and sworn to before me this 30 day of July, 2004, by the above-named Robert Osiander.

[Signature]
Elizabeth A. Bunda-Lee
My Commission expires January 4, 2005

IN TESTIMONY WHEREOF, he has set his hand and affixed his seal on the date given hereinbelow.

[Signature] SEAL 7/30/04 DATE
Jennifer L. Sample

STATE OF MARYLAND)
COUNTY OF CARROLL)

Subscribed and sworn to before me this 30 day of July, 2004, by the above-named Jennifer L. Sample.

[Signature]
Elizabeth A. Bunda-Lee
My Commission expires January 4, 2005

RightFax

9/19/04 6:30

PAGE 004/007

Fax Server

700115455

Docket No.: 1982-SPL

FORM PTD-1885 (Modified) (Rev. 03-01) OMB No. 0851-0027 (exp. 03/1/2002) P08/REV03		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
PATENTS ONLY					
Tab settings					
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <u>Robert Orlander</u> <u>Jennifer L. Sample</u> Additional name(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: <u>THE JOHNS HOPKINS UNIVERSITY</u> Internal Address: _____ Street Address: <u>34th and Charles Streets</u> City: <u>Baltimore</u> State: <u>MD</u> ZIP: <u>21218</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Corrective Assignment to correct S/N 06049493,</u> <u>previously recorded on reel/frame #014973/029</u> Execution Date: _____					
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/916.730</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Francis A. Coch, Reg. No. 31,495</u> Internal Address: <u>Office of Patent Counsel</u> <u>The Johns Hopkins University/Applied Physics</u> <u>Laboratory</u> Street Address: <u>11100 Johns Hopkins Road</u> City: <u>Laurel</u> State: <u>MD</u> ZIP: <u>20723</u>			6. Total number of applications and patents involved: 1		
			7. Total fee (37 CFR 3.41):\$ <u>40.00</u> <input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit account number: <u>01-2218</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Francis A. Coch</u> <u>Francis A. Coch</u> <u>9/17/2004</u> Name of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and document: 4					

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22304-1450

RightFax

9/19/04 6:30

PAGE 005/007

Fax Server

RightFax

8/11/04 2:21

PAGE 005/008

fax server

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

08/11/2004
500004243

SUBMISSION TYPE:		NEW ASSIGNMENT
NATURE OF CONVEYANCE:		ASSIGNMENT
CONVEYING PARTY DATA		
	Name	Execution Date
	Robert Olander	07/30/2004
	Jennifer L. Sample	07/30/2004
RECEIVING PARTY DATA		
Name:	The Johns Hopkins University	
Street Address:	34th and Charles Streets	
City:	Baltimore	
State/Country:	MARYLAND	
Postal Code:	21218	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	08048493	
CORRESPONDENCE DATA		
Fax Number:	(240)228-5234	
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	240-228-5840	
Email:	elizabeth.burda-lee@jhupl.edu	
Correspondent Name:	Francis A. Cooch	
Address Line 1:	JHU/APL	
Address Line 2:	11100 Johns Hopkins Road, Mail Stop 7-156	
Address Line 4:	Laurel, MARYLAND 20723-6009	
NAME OF SUBMITTER:	Francis Cooch	
Total Attachments: 2		
source=1902-SPL#page1.tif		
source=1902-SPL#page2.tif		

RECORDED
NO DISC. HC