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11-07-2002

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Attorney Reference No. 0307-P02885US1

Conveying Party(ies)

Execution Date

Avetik C. Harutyunyan

September 9, 2002

Bhabendra K. Pradhan

September 20, 2002

Peter C. Eklund

September 30, 2002

[] Mark if additional names of conveying parties attached

Receiving Party

Penn State Research Foundation
113 Technology Center
200 Innovation Blvd.
University Park, PA 16802-7000

[] Mark if additional names of conveying parties attached

Conveyance Type: ASSIGNMENT

Total No. of Pages of conveyance document(including any attachments)

3

Properties Conveyed

[] Mark if additional numbers attached

Patent Application No(s).Conveyed

Patent No(s). Conveyed

10/174,477

Total Number of Properties Involved

1

If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor (mm/dd/yyyy)

September 9, 2002

Fee Amount

\$40 Fee Amount for Properties Listed (37 CFR 3.41)

Method of Payment:

The Commissioner is Authorized to charge additional fees or credit any overpayment to Deposit Account No. 04-1406

Address for Correspondence and Statement

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. Charges to the deposit account are authorized, as indicated herein.

10/20/2002

Date

Stephen H. Eland
Reg. No. 41,010
Dann, Dorfman, Herrell & Skillman
1601 Market Street, Suite 720
Philadelphia, PA 19103

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11/05/2002 MBERHE 00000080 10174477

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ASSIGNMENT

WHEREAS, Avetik Harutyunyan, referred to as ASSIGNOR, is a named inventor of an invention entitled: "**METHOD OF PURIFYING NANOTUBES AND NANOFIBERS USING ELECTROMAGNETIC RADIATION**" described and claimed in United States Provisional Patent Application No.60/298,478, filed June 15, 2001 and an invention described and claimed in United States Patent Application No.10/174,477, filed June 17, 2002; and

WHEREAS, THE PENN STATE RESEARCH FOUNDATION, an organization organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and engaged in business at 113 Technology Center, 200 Innovation Blvd., University Park, PA United States 16802-7000, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries that may be issued therefor;

NOW, THEREFORE, the parties hereto, intending to be legally bound, agree that, in consideration of good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, including the right to claim priority to the above-referenced application in any foreign application and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date

09 09 02

Signature

[Handwritten Signature]

AVETIK HARUTYUNYAN

COMMONWEALTH OF

COUNTY OF

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 9th of September, 2002, personally appeared Avetik Harutyunyan to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.



NICOLE SANFILLIPO
Notary Public, State of Ohio
My Commission Expires 07-18-07

[Handwritten Signature]
Notary Public

ASSIGNMENT

WHEREAS, Bhabendra K. Pradhan, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: "**METHOD OF PURIFYING NANOTUBES AND NANOFIBERS USING ELECTROMAGNETIC RADIATION**" described and claimed in United States Provisional Patent Application No.60/298,478, filed June 15, 2001 and an invention described and claimed in United States Patent Application No.10/174,477, filed June 17, 2002; and

WHEREAS, THE PENN STATE RESEARCH FOUNDATION, an organization organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and engaged in business at 113 Technology Center, 200 Innovation Blvd., University Park, PA United States 16802-7000, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries that may be issued therefor;

NOW, THEREFORE, the parties hereto, intending to be legally bound, agree that, in consideration of good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, including the right to claim priority to the above-referenced application in any foreign application and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date

Signature

09/26/02


Bhabendra K. Pradhan.

BHABENDRA K. PRADHAN

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF COBB, GEORGIA

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 26th of SEPTEMBER, 2002, personally appeared Bhabendra K. Pradhan to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.


Notary Public, Cobb County, Georgia
My Commission Expires June 25, 2004

ASSIGNMENT

WHEREAS, Peter C. Eklund, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: "**METHOD OF PURIFYING NANOTUBES AND NANOFIBERS USING ELECTROMAGNETIC RADIATION**" described and claimed in United States Provisional Patent Application No.60/298,478, filed June 15, 2001 and an invention described and claimed in United States Patent Application No.10/174,477, filed June 17, 2002; and

WHEREAS, THE PENN STATE RESEARCH FOUNDATION, an organization organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and engaged in business at 113 Technology Center, 200 Innovation Blvd., University Park, PA United States 16802-7000, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries that may be issued therefor;

NOW, THEREFORE, the parties hereto, intending to be legally bound, agree that, in consideration of good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, including the right to claim priority to the above-referenced application in any foreign application and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date
9/30/02

Signature
Peter C. Eklund
PETER C. EKLUND

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF Centre

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 30th of September, 2002, personally appeared Peter C. Eklund to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.

Ruth A. Harpster
Notary Public

