



07-25-2002



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FORM PTO-1596  
1-31-92

RECORDED &amp; INDEXED

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 59516-023

## PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Avetik HARUTYUNYAN, Bhabendra K. PRADHAN, Peter  
C. EKLUND

07/19/02

Additional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June 17, 2002

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

Name: THE PENN STATE RESEARCH FOUNDATION

Address: 304 Old Main  
University Park, Pennsylvania 16802Additional name(s) & address(es) attached? ☐ Yes

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

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

## A. Patent Application No(s).

10/120,828, Filed April 12, 2002

## B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

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.*

Daniel Bucca, 42,368

By: Daniel Bucca  
Robert S. Price Reg. # 27,685

July 19, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

07/24/2002 TBI021 00000236 500417 10120828

01 FC:581

40.00 CH

PATENT  
REEL: 013108 FRAME: 0650

ASSIGNMENT

WHEREAS I, Avetik Harutyunyan of A-3, 445 Waupelani Drive, State College Pennsylvania 16801, Bhabendra K. Pradhan of 1404 Plaza Drive, State College, Pennsylvania 16801 and Peter Eklund 310 Meadowlark Lane, Boalsburg, Pennsylvania, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD OF FORMING CARBON FIBERS, for which an application for United States Letters Patent was filed on April 12, 2002, and identified by United States Serial No. 10/120,828;

AND WHEREAS, The Penn State Research Foundation, a nonprofit corporation of the Commonwealth of Pennsylvania having an address of 304 Old Main, University Park, Pennsylvania 16802 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto The Penn State Research Foundation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Penn State Research Foundation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

06 12 02  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Avetik Harutyunyan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Bhabendra Pradhan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Peter Eklund

STATE OF Ohio)

COUNTY OF Franklin) SS:

On this 17th day of June, 2002, before me personally appeared Avetik Harutyunyan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



OKJA S. HENNING, Notary Public  
State of Ohio  
My Commission Expires Dec. 23, 2002

Notary Public

My commission expires

Dec 23, 2002

STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Bhabendra Pradhan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Peter Eklund, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_

ASSIGNMENT

WHEREAS I, Avetik Harutyunyan of A-3, 445 Waupelani Drive, State College Pennsylvania 16801, Bhabendra K. Pradhan of 1404 Plaza Drive, State College, Pennsylvania 16801 and Peter Eklund 310 Meadowlark Lane, Boalsburg, Pennsylvania, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD OF FORMING CARBON FIBERS, for which an application for United States Letters Patent was filed on April 12, 2002, and identified by United States Serial No. 10/120,828;

AND WHEREAS, The Penn State Research Foundation, a nonprofit corporation of the Commonwealth of Pennsylvania having an address of 304 Old Main, University Park, Pennsylvania 16802 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto The Penn State Research Foundation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Penn State Research Foundation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

6/17/02

Date

6/17/02

Date

Avetik Harutyunyan

Bhabendra Pradhan.

Bhabendra Pradhan

Peter Eklund

Peter Eklund

STATE OF \_\_\_\_\_) )  
 ) SS:  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Avetik Harutyunyan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

**Notary Public**

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_) ) SS:  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Bhabendra Pradhan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Peter Eklund, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_