

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Benjamin R. Mattes, Phillip N. Adams, Dai Yang, Lori A. Brown, Andrei G. Fadeev, and Ian D. Norris

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3/4/04, 2/17/04, 2/17/04, 8/24/04, 2/18/04,

- ☒ Assignment and 2/18/04 ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Santa Fe Science & Technology, Inc.

Internal Address: 3216 Richards Lane

Street Address:

City: Santa Fe

State: NM

Country: U.S. Zip 87507

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

4. Application or patent number(s):

A. Patent Application No.(s)

13/037,178

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Cochran Freund & Young LLC

Internal Address: 2026 Caribou Drive, Suite 201

Street Address:

City: Fort Collins

State: CO Zip 80525

Phone Number: (970) 492-1100

Fax Number: (970) 492-1101

Email Address: kelleyk@patentlegal.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 501491

Authorized User Name 4107

9. Signature:

/Samuel M. Freund/
Signature

July 25, 2011
Date

Samuel M. Freund
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501491 13037178

PATENT

700468095

FAX NO. 9704921101

REEL 026654 FRAME 0132 JUL 25 2011

When recorded please return to:
The Law Offices of William W. Cochran, LLC
3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SFST.01USU1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to Santa Fe Science & Technology, Inc. (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Spinning, Doping, Dedoping and Redoping Polyaniline Fiber

Filing date: 09/26/2003 Serial No.: 10/672,323

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or reexaminations, or extensions of said Letters Patent.

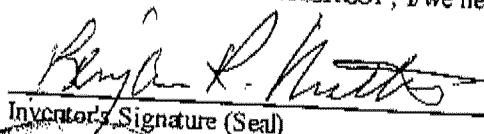
I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature (Seal)

Date Assignment Signed: March 4 - 04

Inventor's Typed Name: Benjamin R. Mattes

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 15 DAY OF MARCH, 2004
BY Benjamin R. Mattes

NOTARY PUBLIC FOR THE STATE OF NEW
MEXICO, COUNTY OF SANTA FE
MY COMMISSION EXPIRES: 03-31-2006

Before me this 15th day of MARCH, 2004, personally appeared Benjamin R. Mattes who is
personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument
of assignment to be his/her free act and deed.

PATENT

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The Law Offices of William W. Cochran,
LLC
3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SFST.01USU1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

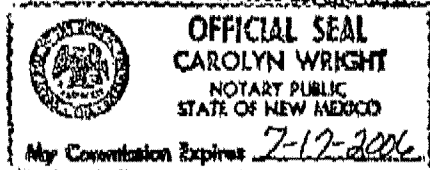
Phillip N. Adams
Inventor's Signature (Seal)

Date Assignment Signed: 2/17/04

Inventor's Typed Name: Phillip N. Adams

State of New Mexico)
) ss.:
County of Bernalillo)

Before me this 17 day of February, 2004, personally appeared Phillip N. Adams who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Carolyn Wright
Notary Public
My commission expires: 7/17/2006

Inventor's Signature (Seal)

Date Assignment Signed:

Inventor's Typed Name: Dali Yang

State of New Mexico)
) ss.:
County of)

Before me this ____ day of _____, 2003, personally appeared Dali Yang who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

Inventor's Signature (Seal)

Date Assignment Signed:

Inventor's Typed Name: Lori A. Brown

State of New Mexico)
) ss.:
County of)

Before me this ____ day of _____, 2003, personally appeared Lori A. Brown who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

When recorded please return to:
The Law Offices of William W. Cochran,
LLC
3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SFST.01US11

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature (Seal) _____ Date Assignment Signed: _____

Inventor's Typed Name: Phillip N. Adams

State of New Mexico)
County of) ss.:

Before me this _____ day of _____, 2003, personally appeared Phillip N. Adams who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

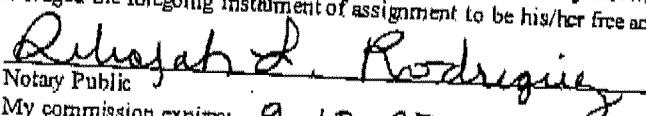

Inventor's Signature (Seal)

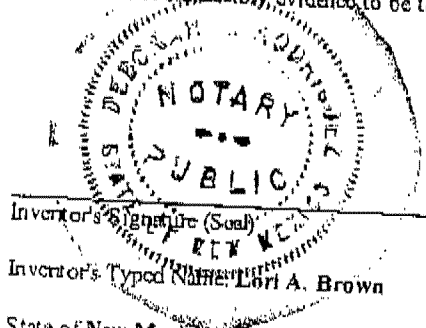
Date Assignment Signed: 02/17/2004

Inventor's Typed Name: Dali Yang

State of New Mexico)
County of Los Alamos) ss.:

Before me this 17th day of February, 2004, personally appeared Dali Yang who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.


Notary Public
My commission expires: 9-10-07



Inventor's Signature (Seal) _____

Date Assignment Signed: _____

Inventor's Typed Name: Lori A. Brown

State of New Mexico)
County of) ss.:

Before me this _____ day of _____, 2003, personally appeared Lori A. Brown who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

Which recorded please return to:
The Law Offices of William W. Cochran, LLC
3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SFST.01USU1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to **Santa Fe Science & Technology, Inc.** (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Spinning, Doping, Dedoping and Redoping Polyaniline Fiber

Filing date: 09/26/2003 Serial No.: 10/672,323

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)

Date Assignment Signed: 8-24-04

Inventor's Typed Name: **Lori A. Brown**

State of New Mexico)

County of **SANTA FE**)

ss.:)



OFFICIAL SEAL
JOE DURR
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: 1-29-2008

Before me this 24th day of August, 2004, personally appeared **Lori A. Brown** who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

PATENT

When recorded please return to:
The Law Offices of William W. Cochran, LLC
3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SEST.01USU1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Andrei Fadeev
Inventor's Signature (Seal)

Date Assignment Signed: 2/18/2004

Inventor's Typed Name: Andrei G. Fadeev

State of New Mexico)
County of Santa Fe) ss.:

Before me this 18th day of February, 2004, personally appeared Andrei G. Fadeev who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

James Howe
Notary Public
My commission expires: July 18, 2006

Ian D. Norris
Inventor's Signature (Seal)

Date Assignment Signed: 2/18/2004

Inventor's Typed Name: Ian D. Norris

State of New Mexico)
County of Santa Fe) ss.:

Before me this 18th day of February, 2004, personally appeared Ian D. Norris who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

James Howe
Notary Public
My commission expires: July 18, 2006

PATENT