

Form PTO-1595  
(Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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OMB No. 0851-0027 (exp. 5/31/2002)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

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

2. Name and address of receiving party(ies)

Name: Santa Fe Science and Technology, Inc.

Internal Address: 3216 Richards Lane

Santa Fe, NM 87507

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: 3216 Richards Lane

City: Santa Fe State: NM ZIP: 87507

Execution Date: March 15, 2004; February 17, 2004;  
February 17, 2004; August 24, 2004; February 18, 2004 and  
February 18, 2004

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

4. Application number(s) or patent number(s): 10/672,323

Attorney Docket No.: SFST.01USU1

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

A. Patent Application No.(s): 10/672,323  
Title: Spinning, Doping, Dedoping and  
Redoping Polyaniline Fiber  
Filed: September 26, 2003

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Samuel M. Freund

Internal Address: Cochran Freund & Young LLC

3555 Stanford Road, Suite 230

Fort Collins, CO 80525

Street Address: 3555 Stanford Road, Suite 230

City: Fort Collins State: CO ZIP: 80525

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:

50-1491

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

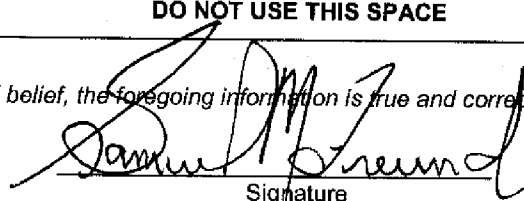
DO NOT USE THIS SPACE

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

Samuel M. Freund #30,459

Name of Person Signing



Signature

September 30, 2004

Date

Total number of pages including cover sheet, attachments and document: [7]

Mail documents to be recorded with required cover sheet information to:  
Commissioner for Patents  
P. O. Box 1450

PATENT

REEL: 015206 FRAME: 0816

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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-IP'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.

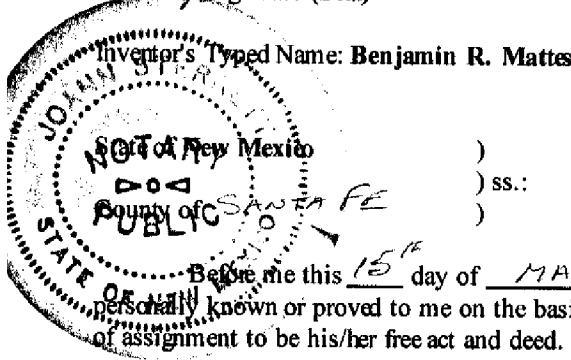
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title 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):

Benjamin R. Mattes  
Inventor's Signature (Seal)

Date Assignment Signed: March 4 - 04



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: 07-31-2004

Before me this 15<sup>th</sup> 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.







