

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
EFFECTIVE DATE:	06/27/2005												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Wen Lu</td><td>06/17/2005</td></tr><tr><td>Elisabeth Smela</td><td>05/04/2005</td></tr><tr><td>Phillip N. Adams</td><td>06/20/2005</td></tr><tr><td>Guido Zuccarello</td><td>05/06/2005</td></tr><tr><td>Benjamin R. Mattes</td><td>06/27/2005</td></tr></tbody></table>		Name	Execution Date	Wen Lu	06/17/2005	Elisabeth Smela	05/04/2005	Phillip N. Adams	06/20/2005	Guido Zuccarello	05/06/2005	Benjamin R. Mattes	06/27/2005
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Phillip N. Adams	06/20/2005												
Guido Zuccarello	05/06/2005												
Benjamin R. Mattes	06/27/2005												
RECEIVING PARTY DATA													
Name:	Santa Fe Science and Technology, Inc.												
Street Address:	3216 Richards Lane												
City:	Santa Fe												
State/Country:	NEW MEXICO												
Postal Code:	87505												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10886001</td></tr></tbody></table>		Property Type	Number	Application Number:	10886001								
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Application Number:	10886001												
CORRESPONDENCE DATA													
Fax Number:	(970)492-1101												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	970-492-1100												
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Correspondent Name:	Samuel M. Freund												
Address Line 1:	2026 Caribou Drive, Suite 201												
Address Line 4:	Fort Collins, COLORADO 80525												
NAME OF SUBMITTER:	Samuel M. Freund												

CH \$40.00 10886001

500039575

PATENT
REEL: 016255 FRAME: 0099

Total Attachments: 4

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PATENT

REEL: 016255 FRAME: 0100

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.07USU1

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:

SOLID-IN-HOLLOW POLYMER FIBER ELECTROCHEMICAL DEVICES

Filing date: **July 6, 2004** Serial No.: **10/886,001**

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):



Date Assignment Signed: 6/17/05

Inventor's Signature (Seal)

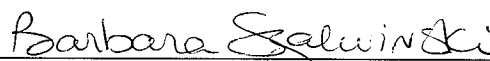
Inventor's Typed Name: **Wen Lu**

State of **Colorado**)

) ss.:

County of Jefferson)

Before me this 17 day of June, 2005, personally appeared **Wen Lu** 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
PATENT

REEL: 016255 FRAME: 0101

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3555 Stanford Road, Suite 230
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: SFST.07USU1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Elisabeth Smela
Inventor's Signature (Seal)
Inventor's Typed Name: Elisabeth Smela

Date Assignment Signed: 5/4/05

State of Maryland)
County of Anne Arundel) ss.:

Before me this 4 day of MAY, 2005, personally appeared **Elisabeth Smela** 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.

Rebecca Sami
Notary Public
My commission expires: My Commission Expires April 1, 2009

Inventor's Signature (Seal)
Inventor's Typed Name: **Phillip N. Adams**

Date Assignment Signed: _____

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

Before me this ____ day of _____, 2005, 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: _____

Guido Zuccarello
Inventor's Signature (Seal)
Inventor's Typed Name: **Guido Zuccarello**

Date Assignment Signed: 5/6/05

TE
State of ~~Maryland~~ VIRGINIA)
County of ARLINGTON) ss.:

Before me this 6 day of MAY, 2005, personally appeared **Guido Zuccarello** 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.

Tate
Notary Public
My commission expires: OCT. 31, 2008

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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.07USU1

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: **Elisabeth Smela**

State of **Maryland**)
) ss.:
County of _____)

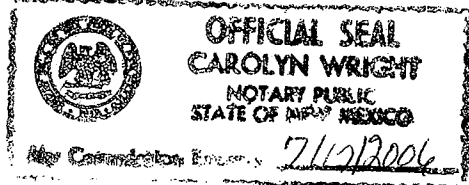
Before me this ____ day of _____, 2005, personally appeared **Elisabeth Smela** who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

Phillip N. Adams
Inventor's Signature (Seal) Date Assignment Signed: 06/20/05
Inventor's Typed Name: **Phillip N. Adams**

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

Before me this 20th day of June, 2005, 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: **Guido Zuccarello**

State of **Maryland**)
) ss.:
County of _____)

Before me this ____ day of _____, 2005, personally appeared **Guido Zuccarello** 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
PATENT
REEL: 016255 FRAME: 0103

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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.07SU1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Benjamin R. Mattes
Inventor's Signature (Seal)

Inventor's Typed Name: **Benjamin R. Mattes**

Date Assignment Signed: June 27 - 05

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

Before me this 27 day of June, 2005 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.

Amanda K. Bernardino
Notary Public

My commission expires: 5/5/08

