

REGISTRATION FORM COVER SHEET PATENTS ONLY

Docket No.: 3556.1000-002

To the Director of the U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

1. ALLAN CHERTOK 6. JAY J. SHI
 2. J. THOMAS FOWLER
 3. DARRELL J. KING
 4. GERALD R. LAROCQUE
 5. PER ONNERUD

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

2. Name and address of receiving party(ies)

Name: TIAX LLC

Internal Address: _____

3. Nature of conveyance.

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 1. 01-14-04, 2. 12-16-03, 3. 01-19-04,
 4. 02-02-04, 5. 03-03-04,
 6. 12-19-03

Street Address: ACORN PARK

City: CAMBRIDGE State: MA ZIP: 02140

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

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

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

A. Patent Application No.(s)
10/717,208

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James M. Smith

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

6. Total number of applications and patents involved. [1]

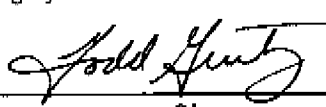
7. Total Fee (37 C.F.R. 3.41) \$ 40.00

Enclosed
 Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380
 Authorization to charge deposit account number 08-0380

Attach a copy of this page if paying by deposit account and filing via mail.
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8. 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.

Todd A. Gerety  3/16/04
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document. [6]

GH \$40.00 080380 10717208

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Joint

ASSIGNMENT

WHEREAS, we, **Allan Chertok, J. Thomas Fowler, Darrell J. King, Gerald R. Larocque, Per Onnerud and Jay J. Shi**, have invented a certain improvement in **SYSTEM AND METHOD FOR BALANCING STATE OF CHARGE AMONG SERIES-CONNECTED ELECTRICAL ENERGY STORAGE UNITS** described in an application for Letters Patent of the United States,

- the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- the specification of which was filed on **November 19, 2003** as United States Application No. **10/717,208**;
- the specification of which is the United States National Stage of International Application No. [PCT Appl'n No.], filed on [PCT Filing Date] [OPTION and assigned United States Application No. []] (*use for 35 USC §371 filings only*);
- which was patented under United States Patent No. [] on []

WHEREAS, **TIAX LLC** (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **Acorn Park, Cambridge, Massachusetts 02140** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its

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successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: *Allan Chertok*
State/Commonwealth MASSACHUSETTS
of MASSACHUSETTS
County of MIDDLESEX
Allan Chertok

Then personally appeared before me the above-named **Allan Chertok** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 14th day of JANUARY, 2004.

(SEAL) *Joseph M. Centofanti* Notary Public
JOSEPH M. CENTOFANTI (print name)
My Commission expires 6 / 19 / 09

Docket No. 3556.1000-002

Inventor's Signature: *J. Thomas Fowler*
J. Thomas Fowler
 State/Commonwealth
 of MASSACHUSETTS
 County of MIDDLESEX

Then personally appeared before me the above-named **J. Thomas Fowler** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 16th day of DECEMBER, 2003.

(SEAL) *Joseph M. Centofanti* Notary Public
JOSEPH M. CENTOFANTI (print name)
 My Commission expires 06 / 19 / 2009

Inventor's Signature: *Darrell J. King*
Darrell J. King
 State/Commonwealth
 of ~~MIDDLESEX~~ MASSACHUSETTS
 County of MIDDLESEX

Then personally appeared before me the above-named **Darrell J. King** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19th day of JANUARY, 2004.

(SEAL) *Joseph M. Centofanti* Notary Public
JOSEPH M. CENTOFANTI (print name)
 My Commission expires 06 / 19 / 2009

Docket No. 3556.1000-002

Inventor's Signature:

[Handwritten Signature]
Gerald R. Larocque

State/Commonwealth

of MASSACHUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named **Gerald R. Larocque** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 3rd day of FEBRUARY, 2007.

(SEAL)

[Handwritten Signature] Notary Public
JOSEPH H. CENTOFANTI (print name)
My Commission expires 06/19/09

Inventor's Signature:

[Handwritten Signature]
Per Onnerud

State/Commonwealth

of MASSACHUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named **Per Onnerud** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 3rd day of MARCH, 2007.

(SEAL)

[Handwritten Signature] Notary Public
JOSEPH H. CENTOFANTI (print name)
My Commission expires 06/19/09

Docket No. 3556.1000-002

Inventor's Signature:



Jay J. Shi

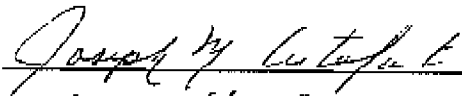
State/Commonwealth

of MASSACHUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named **Jay J. Shi** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19th day of DECEMBER, 2003.

(SEAL)



Notary Public

JOSEPH P. CENTURIANI (print name)

My Commission expires 06/19/09