

01-23-2001



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**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year

Name (line 1) Ronald B. Goldner

09-28-00

Name (line 2)

**Second Party**

Name (line 1) Te Yang Liu

Execution Date  
Month Day Year

10-02-00

Name (line 2)

09638444

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Trustees of Tufts College

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) Tufts University

Address (line 2) Ballou Hall

Address (line 3) Medford  
City

MA  
State/Country

02155  
Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name R. Dennis Creehan, Esq.

Address (line 1) P.O. Box 750070

Address (line 2) Arlington Heights, MA 02475-0070

Address (line 3)

Address (line 4)

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11 FEB 1 40.00 00  
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**PATENT**  
**REEL: 011441 FRAME: 0520**

**Correspondent Name and Address**

Area Code and Telephone Number

617-797-2627

Name R. Dennis Creehan, Esq.

Address (line 1) P.O. Box 750070

Address (line 2) Arlington Heights, MA 02475-0070

Address (line 3)

Address (line 4)

**Pages**Enter the total number of pages of the attached conveyance document  
including any attachments.

# 6

**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/638,444

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

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*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. Charges to deposit account are authorized, as  
indicated herein.*

R. Dennis Creehan, Esq.

*R. Dennis Creehan*

12/28/00

Name of Person Signing

Signature

Date

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CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Alexandra Gerouki

10-23-00

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Terry E. Haas

10-10-00

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Mark A. Goldner

11-01-00

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT

WHEREAS, we, Ronald B. Goldner, Alexandra Gerouki, Te-Yang Liu, Mark A. Goldner and Terry Haas, have invented a certain improvement in RECHARGEABLE THIN FILM BATTERY AND METHOD FOR MAKING THE SAME described in an application for Letters Patent of the United States, Serial No. 09/638,444, filed August 14, 2000.

WHEREAS, Trustees of Tufts College (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at Medford, Massachusetts 02155 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 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: Ronald B. Goldner  
Ronald B. Goldner

State/Commonwealth of Massachusetts  
County of Middlesex

Then personally appeared before me the above-named Ronald B. Goldner and acknowledged that he executed the foregoing instrument as his free act and deed this 28<sup>th</sup> day of Sept 2000.

Bernadette E. Kelley Notary Public

Bernadette E. Kelley (print name)

My Commission expires on June 1, 2001

(SEAL)

-----  
Inventor: \_\_\_\_\_  
Te-Yang Liu

State/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Te-Yang Liu and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_ day of \_\_\_\_\_ 2000.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
(print name)

My Commission expires on \_\_\_\_\_

(SEAL)

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: \_\_\_\_\_  
Ronald B. Goldner

State/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Ronald B. Goldner and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_ day of \_\_\_\_\_ 2000.

(SEAL)

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
(print name)

My Commission expires on \_\_\_\_\_

Inventor: Te-Yang Liu  
Te-Yang Liu  
State/Commonwealth of Massachusetts  
County of Middlesex

Then personally appeared before me the above-named Te-Yang Liu and acknowledged that he executed the foregoing instrument as his free act and deed this 2nd day of October 2000.

(SEAL)

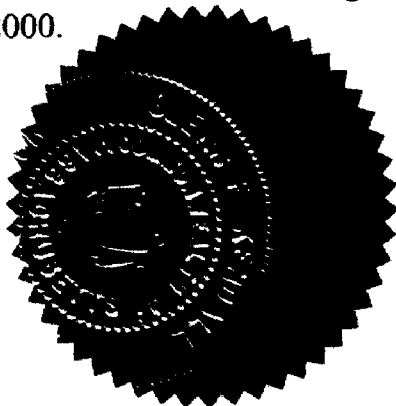
Sh. H. M. Ramo Notary Public  
Sh. H. M. Ramo (print name)

My Commission expires on 4/9/2004

Inventor: Alexrouki  
Alexandra Gerouki

State/Commonwealth of Massachusetts  
County of Middlesex

Then personally appeared before me the above-named Alexandra Gerouki and acknowledged that she executed the foregoing instrument as his free act and deed this 23 day of October 2000.



Glenn F. Kendall Notary Public

(print name)  
GLENN F. KENDALL  
Notary Public

My Commission expires on December 29, 2006

Inventor: \_\_\_\_\_  
Terry E. Haas

State/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Terry E. Haas and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_ day of \_\_\_\_\_ 2000.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires on \_\_\_\_\_

Inventor: Alexandra Gerouki

State/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Alexandra Gerouki and acknowledged that she executed the foregoing instrument as his free act and deed this \_\_\_\_ day of \_\_\_\_\_ 2000.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires on \_\_\_\_\_

Inventor: Terry E. Haas  
Terry E. Haas

State/Commonwealth of Massachusetts  
County of Middlesex

Then personally appeared before me the above-named Terry E. Haas and acknowledged that he executed the foregoing instrument as his free act and deed this 10 day of October 2000.

Susan P. Daigle  
Notary Public

(SEAL)

SUSAN P. DAIGLE (print name)

My Commission expires on June 21, 2007



Inventor:

Mark A. Goldner  
Mark A. GoldnerState/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_Then personally appeared before me the above-named Mark A. Goldner and acknowledged that he executed the foregoing instrument as his free act and deed this 1<sup>st</sup> day of November 2000.Alfred B. Taylor Notary Public

(SEAL)

ALFRED B. TAYLOR  
(print name)  
**ALFRED B. TAYLOR**  
**NOTARY PUBLIC**My Commission expires on Commonwealth of Massachusetts  
My Commission Expires July 12, 2007