

06-26-1998



COVER SHEET  
ONLY

Docket No. 1365-USAP

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner... 100748017

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul D. Schwartz  
Binh Q. Le  
Ark L. Lew  
Joseph J. Suter

2. Name and address of receiving party(ies):

Name: The Johns Hopkins University

Address: 34th & Charles Streets

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

City: Baltimore State/Prov.: MD

Country: U.S.A. ZIP: 21218

Execution Date: 6/12/98, 6/12/98, 6/10/98, and  
6/11/98, respectively

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

4. Application number(s) or registration numbers(s):

6-17-98

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

Patent Application No. Filing date

B. Patent No.(s)

09/069,255

04/29/98

Additional numbers attached? ☐ Yes ☒ No

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

Name: Francis A. Cooch, Esq.

Registration No. 31,495

Address: Office of Patent Counsel

The Johns Hopkins University, Applied Physics Laboratory

11100 Johns Hopkins Road

City: Laurel State/Prov.: MD

Country: U.S.A. ZIP: 20723-6099

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number

01-2218

06/24/1998 JSHABAZZ 00000202 012218 09069255

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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.

Francis A. Cooch

Francis A. Cooch

June 12, 1998

Name of Person Signing

Signature

Date

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

4

REEL: 9261 FRAME: 0743

ASSIGNMENT

WHEREAS, Paul D. Schwartz, Binh Q. Le, Ark L. Lew and Joseph J. Suter, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application entitled, "Topology for Individual Battery Cell Charge Control in a Rechargeable Battery Cell Array", which application was executed by them on 6/12/98, 6/12/98, 6/10/98, and 6/11/98, respectively; and

WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of their employment by ASSIGNEE, the ASSIGNORS do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and possessions and in all foreign countries and the entire right, title and interest in and to said patent application and any substitutions, divisions, continuations, or continuations-in-part based upon said application, and in and to any and all Letters Patent, whether original or reissue, which may be granted for said invention in the United States and its territories and possessions and in any and all foreign countries, the invention, said patent application, and any and all such patents to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its legal representatives as fully and entirely as the same would have been held by the ASSIGNORS had this agreement not been made.

THE ASSIGNORS here further agree to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application, and of any foreign applications, and of any substitutions, divisions, continuations, or continuations-in-part of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested, provided, however that they shall not have to pay any expenses arising from extending such assistance.

THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

Docket No. 1365-USAF

Inventor(s): Paul D. Schwartz, Binh Q. Le, Ark L. Lew and  
Joseph J. Suter

Title: Topology for Individual Battery Cell Charge Control in  
a Rechargeable Battery Cell Array

Application Execution Date: 6/12/98, 6/12/98, 6/10/98, and 6/11/98, respectively  
=====

IN TESTIMONY WHEREOF, they have set their hand and affixed  
their seal on the date given hereinbelow.

Paul D. Schwartz SEAL 6/12/98 DATE  
Paul D. Schwartz

STATE OF MARYLAND )  
COUNTY OF HOWARD )

Subscribed and sworn to before me this 12<sup>th</sup> day of June,  
1998, by the above-named Paul D. Schwartz.

Mary Jane Colson  
Mary Jane Colson  
My Commission expires 4/1/02

Binh Q. Le SEAL 6/12/98 DATE  
Binh Q. Le

STATE OF MARYLAND )  
COUNTY OF HOWARD )

Subscribed and sworn to before me this 12<sup>th</sup> day of June,  
1998, by the above-named Binh Q. Le.

Mary Jane Colson  
Mary Jane Colson  
My Commission expires 4/1/02

Ark L. Lew SEAL 6/10/98 DATE  
Ark L. Lew

STATE OF MARYLAND )  
COUNTY OF HOWARD )

Subscribed and sworn to before me this 11 day of June,  
1998, by the above-named Ark L. Lew.

Mary Jane Colson  
Mary Jane Colson  
My Commission expires 4/1/02

Docket No. 1365-USAF

Inventor(s): Paul D. Schwartz, Binh Q. Le, Ark L. Lew and  
Joseph J. Suter

Title: Topology for Individual Battery Cell Charge Control in  
a Rechargeable Battery Cell Array

Application Execution Date: 6/12/98, 6/12/98, 6/10/98, and 6/11/98, respectively  
=====

Joseph J. Suter SEAL 6/11/98 DATE  
Joseph J. Suter

STATE OF MARYLAND     )  
COUNTY OF HOWARD    )

Subscribed and sworn to before me this 11th day of June,  
1998, by the above-named Joseph J. Suter.

Notary Public  
My Commission expires 05/01/99