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Form PTO-1595 (Rev. 03/01) RECC OMB No. 0651-0027 (exp. 5/31/2002)

DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Hoi-Cheong Steve Sun (06/23/2003) and Rosalyn Ritts (07/09/2003) Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies) Name: PowerZyme, Inc. Internal Address: Street Address: 11 Deer Park Drive, Suite 202 City: Monmouth Junction State: NJ Zip: 08852 Additional name(s) & address(es) attached: [ ] Yes [x] No

3. Nature of Conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: see Box 1, conveying parties

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application: A. Patent Application No.(s): 10/407,017 Additional numbers attached? [ ] Yes [x] No

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael H. Teschner LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090

6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$ 40.00 [ ] Enclosed [x] Authorized to be charged to deposit account [ ] Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account)

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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.

Perry M. Fonseca Name of Person Signing

[Signature] Signature

July 29, 2003 Date

Total number of pages including cover sheet, attachments, and documents:

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08/04/2003 07:01:11 00000000 121095 10407017 01 FC:0021 40.00 DA

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

POWERZ 3.0-011

Whereas, I, Hoi-Cheong Steve Sun of 1504 Blossom Circle; Dayton, New Jersey 08810

hereafter referred to as assignor, have with others invented certain new and useful improvements in

LIGHT DETECTOR

for which an application for a United States Letters Patent was filed on April 4, 2003  
Application Number 10/407,017

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_,  
and \_\_\_\_\_

Whereas, PowerZyme, Inc.  
a corporation of Delaware herein referred to as "assignee" whose mailing address is  
11 Deer Park Drive, Suite 202; Monmouth Junction, New Jersey 08852

is desirous of acquiring the entire right, title and interest in the same;

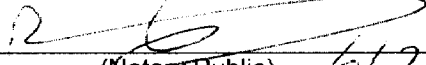
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

6/23/03  
(Date)

  
(Signature)

State of New Jersey ) SS: 139829654  
County of Middlesex )

On this 23 day of June, 2003 before me personally came the above-named Hoi-Cheong Steve Sun, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

  
(Notary Public) 6/23/03  
**RAMADAN HASHEM**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 30, 2006

\*Total of 2 forms are submitted.

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

POWERZ 3.0-011

Whereas, I, Rosalyn Ritts of 53 Hun Road; Princeton, New Jersey 08540

hereafter referred to as assignor, have with others invented certain new and useful improvements in

LIGHT DETECTOR

for which an application for a United States Letters Patent was filed on April 4, 2003  
Application Number 10/407,017

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_,  
and \_\_\_\_\_

Whereas, PowerZyme, Inc.

a corporation of Delaware herein referred to as "assignee" whose mailing address is

11 Deer Park Drive, Suite 202; Monmouth Junction, New Jersey 08852

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

7/9, 2003  
(Date)

Rosalyn Ritts  
(Signature)

State of New Jersey ) SS: 110-48-9973  
County of Monmouth )

On this 9 day of July, 2003 before me personally came the above-named Rosalyn Ritts, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Michael Senoff  
(Notary Public)

MICHAEL SENOFF  
Notary Public, New Jersey  
My Commission Expires May 22, 2007

\*Total of 2 forms are submitted.