

Docket No.: 1599-SPL

FORM PTO-1586 (Modified)  
(Rev. 03-01)  
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RECORDATION FORM COVER SHEET

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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):  
Surya Raghu  
  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
  
Name: THE JOHNS HOPKINS UNIVERSITY  
Address: 34th and Charles Streets  
  
City: Baltimore State/Prov.: MD  
Country: US ZIP: 21218  
  
Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
  
Execution Date: January 31, 2003

4. Application number(s) or patent numbers(s):  
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)
<u>PCT/US01/22746</u>	<u>July 19, 2001</u>	

  
Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Francis A. Cooch  
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: US 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  
(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.*  
Francis A. Cooch Francis A. Cooch February 5, 2003  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and



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**ASSIGNMENT**

WHEREAS Surya Raghu, hereinafter referred to as the ASSIGNOR, has made an invention as described in an international application entitled, "Scalable, All-Polymer Fuel Cell", serial no. PCT/US01/22746, which application was filed on July 19, 2001; 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 the ASSIGNEE attempting to patent and license the invention and incurring costs associated therewith, the ASSIGNOR does 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 ASSIGNOR had this agreement not been made.

THE ASSIGNOR here further agrees 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 he shall not have to pay any expenses arising from extending such assistance.

THE ASSIGNOR hereby covenants that he has the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, he has set his hand and affixed his seal on the date given hereinbelow.

X Surya Raghu SEAL \_\_\_\_\_ DATE 01/31/03  
Surya Raghu

STATE OF MARYLAND )  
COUNTY OF HOWARD )

Subscribed and sworn to before me this 31<sup>st</sup> day of January, 2003, by the above-named Surya Raghu.

Notary Public

Jennifer Auler X

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

JENNIFER AULER  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires April 1, 2003  
**PATENT**  
**REEL: 013420 FRAME 0162**