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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 David Tee LIANG  
 Tuti Mariana LIM  
 Sau Ngen CHEN

**2. Name and address of receiving party(ies)**  
 Name: Agency For Science, Technology And Research  
 Internal Address: \_\_\_\_\_

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

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) 11 January 2005

Assignment  Merger  
 Security Agreement  Change of Name  
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 Other \_\_\_\_\_

Street Address: 20 Biopolis Way, #07-01 Centros  
 \_\_\_\_\_  
 City: Singapore  
 State: \_\_\_\_\_  
 Country: Singapore Zip: 138668  
 Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
 12/366,660

B. Patent No.(s)

Additional numbers attached?  Yes  No


**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: George D. Liu  
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 Email Address: jace.cheong@pyprus.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
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**9. Signature:**   
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 Signature  
 George D. Liu (Reg. No. 47,752)  
 Name of Person Signing

17 June 2010  
 Date

Total number of pages including cover sheet, attachments, and documents: 3

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**ASSIGNMENT OF INVENTION**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNORS:**

**David Tee LIANG**  
**Block 3, Pandan Valley, #03-314, Singapore 597627**

**Tuti Mariana LIM**  
**Blk 88 Commonwealth Close #09-13, Singapore 140088**

**Sau Ngen CHEN**  
**49 Jalan Kemuning, Singapore 769771**

hereby sell, assign and transfer to

**ASSIGNEE:**

**AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH**  
**20 Biopolis Way, #07-01 Centros, Singapore 138668**

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to all improvements which are disclosed in the invention entitled:

**AN APPARATUS AND METHOD FOR CLEANING GLASS  
SUBSTRATES USING A COOL HYDROGEN FLAME**

- which has been executed by the undersigned concurrently herewith
- which was filed on May 19, 2004 and assigned Serial No. 10/495,973

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

1415.P009US/ADR/ayu

**PATENT**

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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We hereunto set hand and seal

Jan 11 / 2005  
Date

David Tee LIANG  
David Tee LIANG

Jan 11, 2005  
Date

Tuti Mariana LIWI  
Tuti Mariana LIWI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Sau Ngen CHEN