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U.S. DEPARTMENT OF COMMERCE  
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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office:  
Please record the attached documents or the new addresses below.

Docket No.: P08274US00/BAS

**1. Name of conveying party(ies)/Execution Date(s):**

Institute of Materials Research and  
Engineering

Execution Date(s): 17 July 2002

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

Name: British Gas Asia Pacific Pte Limited  
Street Address: 83 Clemenceau Avenue, #14-08 UE Square  
City + Address: Singapore 239918

**3. Nature of conveyance:**

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

**4. Application number(s) or patent number(s)**

☐ This document is filed together with a new application.

A. Patent Application No.(s)  
10/495,266

B. Patent No.(s)

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

Name: B. Aaron Schulman      Tel.: 703-739-4900  
STITES & HARBISON PLLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314-1437

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

#1

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

☒ Authorized to be charged by attached CREDIT CARD PAYMENT AUTHORIZATION  
PTO-2038 (Any Insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)

\$40

**8. Payment Information**

Credit Card: Last 4 Numbers 1009      Expiration Date: 12/09

**9. Signature:**

B. Aaron Schulman

Name of person signing



Signature

November 17, 2004

Date

Total number of pages including cover sheet, attachments and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703)-306-5995; or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT OF PATENT RIGHTS**

**THIS ASSIGNMENT** is made this 14 day of July 2002

**BETWEEN**

Institute of Materials Research and Engineering, a Singapore company limited by guarantee, of 3 Research Link Singapore 117602 ("the Assignor")

**AND**

British Gas Asia Pacific Pte Limited, a private limited Singapore company, of 83 Clemenceau Avenue, #14-08 UE Square, Singapore 239918 ("the Assignee" which expression shall include its successors and assigns)

**RECITALS :**

- (A) The Assignor is the employer of Tai-Shung Chung, Dong-Fei Li, Ye Liu, Cao Chun and Ren Ji Zhong who are inventors of the inventions ("the Inventions") disclosed in the applications for patents ("the Patents") details of which are set out in the Schedule hereto and form part of this assignment;
- (B) The Assignor has acquired by assignment from the Environmental Technology Institute ("ETI") rights in the Inventions deriving from employment by ETI of the inventor Rong Wang;
- (C) An agreement dated 1 January 1999 ("the Agreement") governs the relationship between the Assignor and the Assignee and Clause 7.5.1 of the Agreement specifies that joint applications for patents may be made.
- (D) The Assignor hereby agrees that the Inventions are subject to Clause 7.5.1 of the Agreement and thus the Assignor is obligated to assign a share of its right, title, interest and property in the Patents and Inventions, together with all ancillary rights relating thereto to the Assignee upon the following terms

**OPERATIVE PROVISIONS:**

1. In consideration of the sum of £1.00 (one pound) paid by the Assignee to the Assignor, the receipt and sufficiency of which is hereby acknowledged, The Assignor hereby assigns with full title guarantee unto the Assignee a half share of the rights, title interest and property in the Patents and the Inventions to the intent that the Patents and the Inventions shall be in the joint names of and shall vest jointly in the Assignor and the Assignee TO HOLD the same unto the Assignee absolutely.
2. At the request and cost of The Assignee, The Assignor will execute and sign all such instruments, applications, deeds, documents and do all such acts and things as may be reasonably required by The Assignee to enable The Assignee or its nominee to:  
(a) enjoy the benefit of the property rights hereby assigned, (b) formally register The Assignee's title in the same at the relevant Patent Office and (c) assist in the prosecution of all national and regional applications to grant.
3. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns as well s any subsidiary companies of the parties hereto.
4. The parties will co-operate and consult with one another in good faith, if necessary in the future to carry out the intent of the Agreement.
5. This Agreement shall be governed by and construed in accordance with the laws of Singapore.

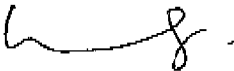
**IN WITNESS** whereof the parties have executed this document as a Deed on the date first above written.

**THE SCHEDULE**

<u>COUNTRY</u>	<u>PATENT APPLICATION</u> <u>NUMBER</u>	<u>TITLE</u>
Singapore	200104997-2	CHEMICAL MODIFICATION OF POLYIMIDES
United Kingdom	0126881.2	MANUFACTURE OF POLYIMIDE HOLLOW FIBRES

SIGNED for & on  
behalf of the Assignor: Institute of Materials  
Research and Engineering

(Signatory)



Name: Dr. Wong Chia Woan  
Title: Research Administration Manager

in the presence of: Ms Angie Choo  
Business Development  
IMRE

(Witness)



SIGNED for and on  
behalf of the Assignee: British Gas Asia Pacific  
Pte Limited

(Signatory)



Name: NEIL MOLLISON  
Title: DIRECTOR  
(Witness) MISLIAH AHMAD, SENIOR SECRETARY



in the presence of: