

CUSTOMIZED
Form PTO-1595 (Rev. 06/04)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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):

- | | |
|--------------------|----------------|
| 1. Tai-Shung CHUNG | 2. Dong-Fei LI |
| 3. Ye LIU | 4. Cao CHUN |
| 5. Ren Ji ZHONG | |

Execution Date(s): 5/20/02; 5/17/02; 5/20/02; 5/20/02; 5/20/02

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

Name: Institute of Materials Research and Engineering
Street Address: 3 Research Link
City + Address: SINGAPORE 117602

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)

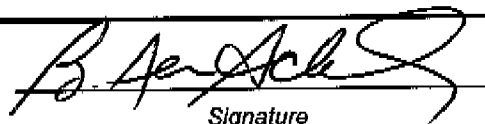
\$40

8. Payment Information Credit Card: Last 4 Numbers 1009 Expiration Date: 12/09

9. Signature:

B. Aaron Schulman

Name of person signing



Signature

November 10, 2004

Date

Total number of pages including cover sheet, attachments and documents: 17

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

OP \$40.00 10495266

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made this 20th day of May 2002

BETWEEN

Tai-Shung CHUNG, a citizen of the United States of America, of #08-02, Block 103, Clementi Road, SINGAPORE ("The Assignor")

AND

Institute of Materials Research and Engineering, a Singapore company limited by guarantee of 3 Research Link, SINGAPORE 117602 ("the Assignee" which expression shall include its successors and assigns)

RECITALS :

- (A) The Assignee has applied along with British Gas Asia Pacific PTE Limited to register the patents details of which are set out in the Schedule hereto and form part of this assignment ("the Patents"), in respect of the inventions disclosed in the Patents ("the Inventions"); and
- (B) The Assignor is a co-inventor of the Inventions; and
- (C) The Assignor is and was at the time of the creation of the Inventions employed under contract by The Assignee and by virtue thereof his entire share of all rights, title, interest and property in the Patents and the Inventions, together with all ancillary rights relating thereto belong to The Assignee; and
- (D) The Assignor has agreed to confirm that his entire share of all rights, title, interest and property in the Patents and the Inventions, together with all ancillary rights relating thereto belong to The Assignee.

OPERATIVE PROVISIONS :

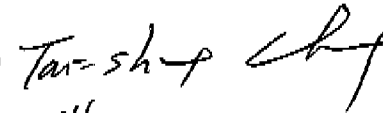
1. In consideration of his employment and salary received from The Assignee, the receipt and sufficiency of which is hereby acknowledged, The Assignor hereby confirms in or assigns to the Assignee (in so far as title to the Patents and the Inventions does not automatically vest in The Assignee as a consequence of The Assignor's employment) free from all licenses charges and other encumbrances, with full title guarantee his entire share of all rights, title, interest and property in the Patents and the Inventions, the full and exclusive benefit thereof, and all rights, privileges and advantages appertaining thereto, together with the right to obtain any extensions and supplementary protection certificates, together with the right to recover and to bring proceedings to recover damages and/or to obtain other remedies in respect of infringement of the Patents whether committed before or after the date of the Assignment, to the intent that the Patents and the Inventions shall be in the name of and shall vest in 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 full and exclusive benefit of the Patent and Inventions and of the property rights hereby assigned, (b) fully and effectively vest the same in The Assignee, (c) formally register The Assignee's title in the same at the relevant Patent Office, and (d) assist in the prosecution of all national and regional applications to grant.
3. This Deed shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns as well as 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 between the parties.
5. This Deed 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.

<u>COUNTRY</u>	<u>THE SCHEDULE</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 BY the Assignor: Tai-Shung CHUNG

(Signatory)



in the presence of:

KOAY MIN PIN
Advocate & Solicitor
Singapore

(Witness)



SIGNED for and on

behalf of the Assignee: 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)



370835: 12 April 2002

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made this *17th* day of *May* 2002

BETWEEN

Dong-Fei LI, a citizen of China, of #08-360, Block 130, Bukit Batok West Ave 6,
SINGAPORE 650130 ("The Assignor")

AND

Institute of Materials Research and Engineering, a Singapore company limited by guarantee
of 3 Research Link, SINGAPORE 117602 ("the Assignee" which expression shall include
its successors and assigns)

RECITALS :

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Singapore	200104997-2	CHEMICAL MODIFICATION OF POLYIMIDES
United Kingdom	0126881.2	MANUFACTURE OF POLYIMIDE HOLLOW FIBRES

SIGNED BY the Assignor: Dong-Fei LI

(Signatory)



in the presence of:

Wang Rong
Senior Research Scientist

(Witness)



SIGNED for and on
behalf of the Assignee: 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)



370860-12 April 2002

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made this 20 day of May 2002

BETWEEN

Ye LIU, a citizen of China, of #03-499, Block 304, Clementi Ave 4, SINGAPORE ("The Assignor")

AND

Institute of Materials Research and Engineering, a Singapore company limited by guarantee of 3 Research Link, SINGAPORE 117602 ("the Assignee" which expression shall include its successors and assigns)

RECITALS :

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Singapore	200104997-2	CHEMICAL MODIFICATION OF POLYIMIDES
United Kingdom	0126881.2	MANUFACTURE OF POLYIMIDE HOLLOW FIBRES

SIGNED BY the Assignor: Ye LIU

(Signatory)

in the presence of:

Ms Angie Choo
Business Development
IMRE

(Witness)

SIGNED for and on
behalf of the Assignee: 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)

370861; 12 April 2002

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made this *20th* day of *May* 2002

BETWEEN

Cao CHUN, a citizen of China, of #03-233, Blk 499, Clementi Avenue 3, SINGAPORE 120449 ("The Assignor")

AND

Institute of Materials Research and Engineering, a Singapore company limited by guarantee of 3 Research Link, SINGAPORE 117602 ("the Assignee" which expression shall include its successors and assigns)

RECITALS :

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United Kingdom	0126881.2	MANUFACTURE OF POLYIMIDE HOLLOW FIBRES

SIGNED BY the Assignor: Cao CHUN

(Signatory)

Cao Chun

in the presence of:

Ms Angie Choo
Business Development
IMRE

(Witness)

Angie Choo

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

(Signatory)

Dr. Wong Chia Woan

Name: Dr.Wong Chia Woan

Title: Research Administration Manager

in the presence of:

Ms Angie Choo
Business Development
IMRE

(Witness)

Angie Choo

370862, 12 April 2002

Institute of Materials Research
and Engineering (IMRE)
Research Link

PATENT

REEL: 015364 FRAME: 0757

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made this *20th* day of *May* 2002

BETWEEN

Ren Ji ZHONG, a citizen of China, of #09-324, Blk 730, Clementi West Street 2
SINGAPORE 120730 ("The Assignor")

AND

Institute of Materials Research and Engineering, a Singapore company limited by guarantee
of 3 Research Link, SINGAPORE 117602 ("the Assignee" which expression shall include
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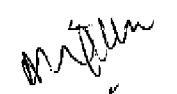
<u>COUNTRY</u>	<u>THE SCHEDULE</u> <u>PATENT APPLICATION</u> <u>NUMBER</u>	<u>TITLE</u>
United Kingdom	0126881.2	MANUFACTURE OF POLYIMIDE HOLLOW FIBRES

SIGNED BY the Assignor: Ren Ji ZHONG (Signatory)



in the presence of: (Witness)

Ms Angie Choo
Business Development
IMRE



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

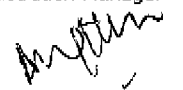
(Signatory)



Name: Dr. Wong Chia Woan
Title: Research Administration Manager
(Witness)

in the presence of:

Ms Angie Choo
Business Development
IMRE



370864, 12 April 2002