

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Youchang Xiao</td> <td>10/29/2012</td> </tr> <tr> <td>Tai-Shung Chung</td> <td>10/27/2012</td> </tr> <tr> <td>Mei Ling Chua</td> <td>10/29/2012</td> </tr> <tr> <td>Mohammad Askari</td> <td>10/29/2012</td> </tr> <tr> <td>Rui Chin Ong</td> <td>11/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Youchang Xiao	10/29/2012	Tai-Shung Chung	10/27/2012	Mei Ling Chua	10/29/2012	Mohammad Askari	10/29/2012	Rui Chin Ong	11/03/2012
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<table border="1"> <tr> <td>Name:</td> <td>National University of Singapore</td> </tr> <tr> <td>Street Address:</td> <td>21 Lower Kent Ridge Road</td> </tr> <tr> <td>City:</td> <td>Singapore</td> </tr> <tr> <td>State/Country:</td> <td>SINGAPORE</td> </tr> <tr> <td>Postal Code:</td> <td>119077</td> </tr> </table>		Name:	National University of Singapore	Street Address:	21 Lower Kent Ridge Road	City:	Singapore	State/Country:	SINGAPORE	Postal Code:	119077		
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CORRESPONDENCE DATA													
<p>Fax Number: 6175002499  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6175002500        Email: info@ortpatent.com</p> <p>Correspondent Name: Y. Rocky Tsao        Address Line 1: 321 Summer St.        Address Line 2: 2nd Floor        Address Line 4: Boston, MASSACHUSETTS 02210</p>													
ATTORNEY DOCKET NUMBER:	70012-020US1												
NAME OF SUBMITTER:	Daniel Scott Chappell												

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**Total Attachments: 6**

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**PATENT**

**REEL: 029986 FRAME: 0862**

ASSIGNMENT

For valuable consideration, we, **Youchang Xiao** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore, 119077, Singapore, **Tai-Shung Chung** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, **Mei Ling Chua** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore, 119077, Singapore, **Mohammad Askari** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, **Rui Chin Ong** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, hereby assign to **National University of Singapore**, a university of Singapore, having a place of business at 21 Lower Kent Ridge Road, 119077 Singapore, Singapore, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **POLYIMIDE MEMBRANES AND THEIR PREPARATION**, filed October 10, 2012, and assigned U.S. Serial Number 13/640,439, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 29 Oct 2012

肖有昌  
Youchang Xiao

WITNESS: Yong Wai Fen

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WITNESS: 肖有昌 Li Pei

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Date: 27 Oct 2012

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Tai-Shung Chung

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Rui Chin Ong

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ASSIGNMENT

For valuable consideration, we, **Youchang Xiao** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore, 119077, Singapore, **Tai-Shung Chung** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, **Mei Ling Chua** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore, 119077, Singapore, **Mohammad Askari** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, **Rui Chin Ong** of c/o National University of Singapore, Faculty of Engineering, Department of Chemical & Biomolecular Engineering, 21 Lower Kent Ridge Road, Singapore 119077, Singapore, hereby assign to **National University of Singapore**, a university of Singapore, having a place of business at 21 Lower Kent Ridge Road, 119077 Singapore, Singapore, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **POLYIMIDE MEMBRANES AND THEIR PREPARATION**, filed October 10, 2012, and assigned U.S. Serial Number 13/640,439, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: \_\_\_\_\_

\_\_\_\_\_  
**Youchang Xiao**

WITNESS:

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Address: \_\_\_\_\_  
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**Tai-Shung Chung**

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**Mei Ling Chua**

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Date: \_\_\_\_\_

\_\_\_\_\_  
Mohammad Askari

WITNESS:

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Address: \_\_\_\_\_  
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WITNESS:

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Date: 3 Nov 2012

  
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Rui Chin Ong

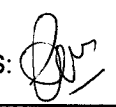
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