

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PO-I LIU	12/15/2016
LI-CHING CHUNG	12/15/2016
CHIH-HSIANG FANG	12/15/2016
CHIA-HUA HO	12/15/2016
HSIN SHAO	12/15/2016
MENG-SHUN HUANG	12/15/2016
REN-YANG HORNG	12/15/2016
TEH-MING LIANG	12/15/2016
MIN-CHAO CHANG	12/15/2016
TSUI JUNG YANG	12/15/2016
RECEIVING PARTY DATA	
Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
Street Address:	NO. 195, SEC. 4, CHUNG HSING RD., CHUTUNG
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	31040
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15392281
CORRESPONDENCE DATA	
Fax Number:	(703)205-8050
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703-205-8000
Email:	Derya.Sevinc@bskb.com, mailroom@bskb.com
Correspondent Name:	BIRCH STEWART KOLASCH & BIRCH, LLP
Address Line 1:	P.O. BOX 747
Address Line 4:	FALLS CHURCH, VIRGINIA 22042-0747
ATTORNEY DOCKET NUMBER:	0941-3418PUS2

NAME OF SUBMITTER:	DERYA SEVINC
SIGNATURE:	/Derya Sevinc/
DATE SIGNED:	12/29/2016
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ASSIGNMENT

WHEREAS, Po-I LIU, Li-Ching CHUNG, Chih-Hsiang FANG, Chia-Hua HO, Hsin SHAO, Meng-Shun HUANG, Ren-Yang HORNG, Teh-Ming LIANG, Min-Chao CHANG and Tsui Jung YANG hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: Ionic liquid for forward osmosis process and forward osmosis process

Filed: December 28, 2016 Serial No. 15/392,281

Executed on: December 15, 2016

WHEREAS, Industrial Technology Research Institute of No. 195, Sec. 4, Chung Hsing Rd., Chung, Hsinchu 31040, Taiwan, R. O. C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Full name of first inventor: Po-I LIU	
Inventor's signature: <i>Po I Liu</i>	Date: <i>2016.12.15</i>

Full name of second inventor: Li-Ching CHUNG	
Inventor's signature: <i>Li-Ching chung</i>	Date: <i>2016.12.15</i>

Full name of third inventor: Chih-Hsiang FANG	
Inventor's signature: <i>Chih-Hsiang Fang</i>	Date: <i>2016/12/15</i>

Full name of fourth inventor: Chia-Hua HO	
Inventor's signature: <i>Chia-Hua Ho</i>	Date: <i>2016, 12, 15</i>

Full name of fifth inventor: Hsin SHAO	
Inventor's signature: <i>Hsin Shao</i>	Date: <i>2016/12/15</i>

Full name of Sixth inventor: Meng-Shun HUANG	
Inventor's signature: <i>Meng-Shun Huang</i>	Date: <i>2016.12.15.</i>

Full name of Seventh inventor: Ren-Yang HORNG	
Inventor's signature: <i>Ren-Yang Horng</i>	Date: <i>2016.12.15</i>

Full name of Eighth inventor: Teh-Ming LIANG	
Inventor's signature: <i>Teh-Ming Liang</i>	Date: <i>2016.12.15</i>

Full name of Ninth inventor: Min-Chao CHANG	
Inventor's signature: <i>Min-Chao Chang</i>	Date: <i>2016/12/15</i>

Full name of Tenth inventor: Tsui Jung YANG	
Inventor's signature: <i>Tsui Jung Yang</i>	Date: <i>2016/12/15</i>