

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	01/06/2020
HSIN SHAO	01/07/2020
MIN-CHAO CHANG	01/06/2020
YI-CHUN CHEN	01/06/2020
CHIUNG-HUI HUANG	01/06/2020
CHIA-HUA HO	01/06/2020
DAVID CHIUNI WANG	01/06/2020
REN-YANG HORNG	01/07/2020
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16729910
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DATE SIGNED:	01/14/2020
Total Attachments: 2 source=2020-01-14-ASSIGNMENT-0941-4189PUS1#page1.tif source=2020-01-14-ASSIGNMENT-0941-4189PUS1#page2.tif	

ASSIGNMENT

WHEREAS, Po-I LIU, Hsin SHAO, Min-Chao CHANG, Yi-Chun CHEN, Chiang-Hui HUANG, Chia-Hua HO, David Chiung WANG and Ren-Yang HORNG 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 and forward osmosis process employing the same

Filed: 30-Dec-2019 Serial No. 15/722,910

Executed on: January 6, 2020; January 7, 2020; January 6, 2020; January 6, 2020; January 6, 2020; January 6, 2020 and January 7, 2020.

WHEREAS, Industrial Technology Research Institute of No. 195, Sec. 4, Chung Hsing Rd., Chung Hsinchu 31057, 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 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 sole or first inventor: Po-I LIU	
Inventor's signature: <i>Po-I Liu</i>	Date: <i>2020/01/06</i>

Full name of second inventor: Hsin SHAO	
Inventor's signature: <i>Hsin Shao</i>	Date: <i>Jan 7, 2020</i>

Full name of third inventor: Min-Chao CHANG	
Inventor's signature: <i>Min-Chao Chang</i>	Date: <i>2020/01/06</i>

Full name of fourth inventor: Yi-Chun CHEN
Inventor's signature: Yi-Chun Chen Date: 2020/1/6

Full name of fifth inventor: Chang-Hsi HUNG
Inventor's signature: Chang-Hsi Hung Date: 2020/1/6

Full name of sixth inventor: Chis-Rua HO
Inventor's signature: Chis-Rua Ho Date: 2020/1/6

Full name of seventh inventor: David Chiun WANG
Inventor's signature: David Chiun Wang Date: 2020.1.6

Full name of seventh inventor: Ren-Yang HONG
Inventor's signature: Ren-Yang Hong Date: 2020.1.09