### 07/18/2017 504461655

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4508356

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HYUNDAI HEAVY INDUSTRIES CO., LTD.	05/16/2017

### **RECEIVING PARTY DATA**

Name:	HYUNDAI ELECTRIC & ENERGY SYSTEMS CO., LTD.		
Street Address:	12 FL., 75, YULGOK-RO, JONGNO-GU		
City:	SEOUL		
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15038814	

### CORRESPONDENCE DATA

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NAME OF SUBMITTER:	STEPHEN A. SOFFEN
SIGNATURE:	/Stephen A. Soffen/
DATE SIGNED:	07/18/2017

**Total Attachments: 2** 

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> **PATENT REEL: 043033 FRAME: 0409** 504461655

### PATENT ASSIGNMENT

WHEREAS, HYUNDAI HEAVY INDUSTRIES CO., LTD. ("Assignor"), having a place of business at 1000, Bangeojinsunhwando-ro, Dong-gu, Ulsan, 682-792, Republic of Korea, is a co-owner, by assignment, of certain rights, title and interest in and to the United States patent application listed in Schedule A attached hereto; and

WHEREAS, HYUNDAI ELECTRIC & ENERGY SYSTEMS CO., LTD. ("Assignee"), having a place of business at 12 Fl., 75, Yulgok-ro, Jongno-gu, Seoul, Republic of Korea, is desirous of acquiring the Assignor's rights, title and interest in and to the United States patents and patent applications, and the inventions described therein.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, Assignor's rights, title and interest in and to the patents and patent applications, the inventions, any and all direct and indirect divisions, continuations and continuations-in-part of the patents, any and all reissues, reexaminations and extensions of the patents, and all rights under the International Convention for the Protection of Industrial Property, including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit, and for the use and benefit of its respective successors, legal representatives and assigns, to the full end of the term or terms of the patents, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be signed by its duly authorized representative, and Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the United States Patent and Trademark Office for recordation of this document: BLANK ROME LLP -- all practitioners at Customer Number 24998.

# HYUNDAI HEAVY INDUSTRIES CO., LTD. Lee Tun Hee By: LEE, Jun Hee Title: General Manger Witnesses: Date: May 16, 2017 Name: Mineong Koh Date: May 16, 2017

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# SCHEDULE A

Application Number	Filing Date	Inventor	Title	Ctry	Patent No.
15/038,814	May 24, 2016	Ji Hyun Kong et al.	ION EXCHANGE MEMBRANE AND MANUFACTURING METHOD THEREFOR	US	

**PATENT** REEL: 043033 FRAME: 0411

**RECORDED: 07/18/2017**