

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>Byungchul JANG</td><td>01/05/2010</td></tr><tr><td>Young Taek KIM</td><td>01/05/2010</td></tr><tr><td>Jung-Eun YANG</td><td>01/05/2010</td></tr><tr><td>Youngsu JIONG</td><td>01/05/2010</td></tr><tr><td>Dong Hwan RYU</td><td>01/05/2010</td></tr><tr><td>Min-Ho SEO</td><td>01/05/2010</td></tr></tbody></table>	Name	Execution Date	Byungchul JANG	01/05/2010	Young Taek KIM	01/05/2010	Jung-Eun YANG	01/05/2010	Youngsu JIONG	01/05/2010	Dong Hwan RYU	01/05/2010	Min-Ho SEO	01/05/2010	
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Dong Hwan RYU	01/05/2010														
Min-Ho SEO	01/05/2010														
RECEIVING PARTY DATA															
Name:	HANWHA Chemical Corporation														
Street Address:	1, Janggyo-dong, Jung-gu														
City:	Seoul														
State/Country:	REPUBLIC OF KOREA														
Postal Code:	100-797														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12666944</td></tr></tbody></table>	Property Type	Number	Application Number:	12666944											
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CORRESPONDENCE DATA															
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OP \$40.00 12666944

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Total Attachments: 3

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ASSIGNMENT

WHEREAS We, **JANG, Byungchul** of 305-104, Dongyang Paragon APT., Taepyeong2-dong, Jung-gu, Daejeon 301-784, Republic of Korea; **KIM, Young Taek** of 1905-305, Jugong APT., Chang-dong, Dobong-gu, Seoul 132-040 Republic of Korea; **YANG, Jung-Eun** of 110-305, Daelim Dure APT., Sinseong-dong, Yuseong-gu, Daejeon 305-720, Republic of Korea; **JIONG, Youngsu** of 102-706, Daelim Dure Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-720, Republic of Korea; **RYU, Dong Hwan** of 102-1002, Samil Wonang APT., Gagyong-dong, Heungdeok-gu, Cheongju 361-260, Republic of Korea and **SEO, Min-Ho** of 101-605, Hansarang APT., Oncheon3-dong, Dongnae-gu, Busan 607-063, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

PROCESS FOR PREPARING OF A CATALYST SOLUTION FOR FUEL CELL AND A MEMBRANE ELECTRODE ASSEMBLY USING THE SAME

(hereinafter referred to as "**INVENTION**") which claims priority to Korean Application No. 10-2007-0062145, filed on June 25, 2007; was filed on November 6, 2007 as International Application No. PCT/KR2007/005565; and for which we, said ASSIGNORS, are about to file an application for a United States Patent (hereinafter collectively referred to as "**APPLICATIONS**");

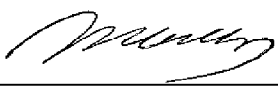
AND WHEREAS, **HANWHA CHEMICAL CORPORATION** (hereinafter referred to as "**ASSIGNEE**"), a corporation organized and existing under the laws of the Country of Republic of Korea, having a place of business at 1, Janggyo-dong, Jung-gu, Seoul 100-797 Republic of Korea, is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any Patents that issue therefrom;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have assigned and transferred, and hereby assign and transfer unto ASSIGNEES, the entire right, title and interest in and to the INVENTION, the

APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEES; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEES, their successors or assigns, and that we will, at the cost and expense of ASSIGNEES, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: 2010.1.5  L.S.
Byungchul JANG

Date: 2010.1.5  L.S.
Young Taek KIM

Date: 2010.1.5  L.S.
Jung-Eun YANG

Date: 2010.1.5  L.S.
Youngsu JIONG

Date: 2010.01.05  L.S.
Dong Hwan RYU

Date: 2010. 1. 5.


Min-Ho SEO

L.S.