

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>Young-Ju LEE</td> <td>07/05/2013</td> </tr> <tr> <td>Jong-Sung YU</td> <td>07/05/2013</td> </tr> <tr> <td>Jae-Hong KIM</td> <td>07/05/2013</td> </tr> <tr> <td>Chong-Kyu SHIN</td> <td>07/05/2013</td> </tr> <tr> <td>Yun-Kyung KIM</td> <td>07/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Young-Ju LEE	07/05/2013	Jong-Sung YU	07/05/2013	Jae-Hong KIM	07/05/2013	Chong-Kyu SHIN	07/05/2013	Yun-Kyung KIM	07/05/2013
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<table border="1"> <tr> <td>Name:</td> <td>LG CHEM, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>128, Yeoui-daero, Yeongdeungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG CHEM, LTD.	Street Address:	128, Yeoui-daero, Yeongdeungpo-gu	City:	Seoul	State/Country:	KOREA, REPUBLIC OF	Postal Code:	150-721		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	4253483299												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	K288CS-000300US
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NAME OF SUBMITTER:	Steve Y. Cho
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Signature:	/Steve Y. Cho/
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Date:	09/18/2013
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Total Attachments: 2 source=2013_09_18_ASSGMT_K288CS-000300US#page1.tif source=2013_09_18_ASSGMT_K288CS-000300US#page2.tif
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Assignment of Application

WHEREAS, I (WE)	Young-Ju LEE; Jong-Sung YU; Jae-Hong KIM; Chong-Kyu SHIN; Yun-Kyung KIM
LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; Energy Materials laboratory, 328B Institute of Technology Korea Univ. SeJong Campus, Seochang-ri, Jochiwon-eup, Yeongi-gun, Chungcheongnam-do 339-700, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; Energy Materials laboratory, 328B Institute of Technology Korea Univ. SeJong Campus, Seochang-ri, Jochiwon-eup, Yeongi-gun, Chungcheongnam-do 339-700, Republic of Korea	, respectively,
have invented certain new and useful improvements in:	
HIGH PERMEATE FLUX REVERSE OSMOSIS MEMBRANE INCLUDING SURFACE-TREATED ZEOLITE AND METHOD OF MANUFACTURING THE SAME	
for which an application for Letters Patent was executed on	

(Application No.	14/005,902	, Filed	September 18, 2013), and
WHEREAS,	LG CHEM, LTD; and KOREA UNIVERSITY RESEARCH & BUSINESS FOUNDATION			
(hereinafter referred to as "ASSIGNEES") having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea; and Korea Univ., Anam-dong 5-ga 1, Seongbuk-gu, Seoul 136-701, Republic of Korea				

are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEES, its (his)

successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of AMPACC Law Group, Attorneys at Law, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: 2013. 7. 5

Young-Ju LEE
(Signature of Inventor)
Young-Ju LEE

Date: 2013. 7. 5

Jong-Sung YU
(Signature of Inventor)
Jong-Sung YU

Date: 2013. 7. 5

Jae-Hong KIM
(Signature of Inventor)
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Date: 2013. 7. 5

Chong-Kyu SHIN
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Yun-Kyung KIM
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