

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2958385

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SU-JIN YOON	09/21/2009
JEONG-JU CHO	08/11/2009
HO-CHUN LEE	05/28/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG CHEM, LTD.
<b>Street Address:</b>	20, YOIDO-DONG
<b>Internal Address:</b>	YOUNGDUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14330204
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)654-7866
<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>	
<b>Phone:</b>	(908) 518-6320
<b>Email:</b>	Assignment@ldlkm.com
<b>Correspondent Name:</b>	LDLK&M
<b>Address Line 1:</b>	600 SOUTH AVENUE WEST
<b>Address Line 4:</b>	WESTFIELD, NEW JERSEY 07090
<b>ATTORNEY DOCKET NUMBER:</b>	LGCHEM 3.3-092 DIV (E)
<b>NAME OF SUBMITTER:</b>	KELLY Y. HWANG
<b>SIGNATURE:</b>	/Kelly Y. Hwang/
<b>DATE SIGNED:</b>	07/29/2014
<b>Total Attachments: 3</b>	
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source=Assignments 3.3-092 div#page3.tif	

former PTO/SB/15 (2-00) Modified LDI/KAM

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

Whereas, I, YOON, Su-Jin of

51-4, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-874, Republic of Korea

hereafter referred to as assignor, have with others invented certain new and useful improvements in

NON-AQUEOUS ELECTROLYTE AND ELECTROCHEMICAL DEVICE COMPRISING THE SAME

for which an application for a United States Letters Patent was filed on \_\_\_\_\_

Application Number \_\_\_\_\_

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_

for which an International Application was filed on September 19, 2007, as

PCT/KR2007/004533, designating the United States.

And

Whereas, LG Chem, Ltd.


a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is 20, Yoldo-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2007/09/21  
Date

  
YOON, Su-Jin

  
Witness

Jo, Kyong-Nam  
Typed Name of Witness

\*Total of 3 forms are submitted.

**ASSIGNMENT OF UTILITY APPLICATION**

Sheet Number (Optional)

Witness, II CHO, Jeong-Ju of 1109-1201, Daedeok Techno Valley Apartment, Gwanpyeong-dong, Yuseong-gu, Daejeon 305-509, Republic of Korea

Hereafter referred to as assignor, have with others invented certain new and useful improvements in NON-AQUEOUS ELECTROLYTE AND ELECTROCHEMICAL DEVICE COMPRISING THE SAME

- for which an application for a United States Letters Patent was filed on \_\_\_\_\_ Application Number \_\_\_\_\_
- for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_
- for which an International Application was filed on September 19, 2007, as PCT/KR2007/004533, designating the United States.

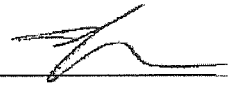
And  
Witness, LG Chem, Ltd.  
a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is 20, Yoido-dong, Youngdeungpo-gu, Seoul 150-721, Republic of Korea

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And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2009. 8. 11  
Date

  
CHO, Jeong-Ju

  
Witness

JO, Kyung-Nam  
Typed Name of Witness

Total of 3 forms are submitted.

Docket Number (Optional)

**ASSIGNMENT OF UTILITY APPLICATION**

Whereas, I, LEE, Ho-Chun of 508-1803, Sindonga Familie Apartment, Gwanpyeong-dong, Yuseong-gu, Daejeon 305-745, Republic of Korea

hereafter referred to as assignor, have with others invented certain new and useful improvements in

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- for which an application for a United States Letters Patent was filed on \_\_\_\_\_ Application Number \_\_\_\_\_
- for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_
- for which an International Application was filed on September 19, 2007, as PCT/KR2007/004533, designating the United States.

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Whereas, LG Chem, Ltd. a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

5/28/09  
Date  
[Signature]  
Witness  
JO, Kyung-Nam  
Typed Name of Witness

[Signature]  
LEE, Ho-Chun

\*Total of 3 forms are submitted.