

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
JIN WOONG HA (09/29/2009), JEEHO KIM (09/28/2009), AND YONGSHIK SHIN (09/28/2009)

Execution Date(s): In parentheses after inventor name
Additional name(s) of conveying party(ies) attached? Yes No

- 3. Nature of Conveyance:**
- Assignment Merger
 - Security Agreement Change of Name
 - Government Interest Assignment
 - Executive Order 9424, Confirmatory License
 - Other _____

2. Name and address of receiving party(ies)

Name: LG CHEM, LTD.

Internal Address: _____

Street Address: _____

**LG TWIN TOWERS
20, YEOUIDO-DONG
YEONGDEUNGPO-GU**

City: SEOUL

State: _____

Country: Republic of Korea Zip: 150-721

Additional name(s) & address(es) attached: Yes No

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
12/310,872

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **Kelly Y. Hwang
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP**

Internal Address: Atty. Dkt.: **LGCHEM 3.3-084**

Street Address: **600 South Avenue West**

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6320

Fax Number: (908) 654-0415

Email Address: khwang@ldlkm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed


None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 12-1095
Authorized User Name Kelly Y. Hwang

9. Signature:



Signature



October 21, 2009
Date

Kelly Y. Hwang - 51,831
Name of Person Signing

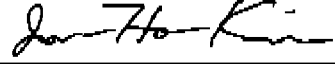
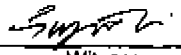
Total number of pages including cover sheet, attachments, and documents: 4

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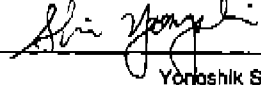

former FTO/SB/10 (8-09) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-084
Whereas, I, <u>Jin Woong Ha</u> of	
<u>2F., 337-16, Jeonmin-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-810</u>	
hereafter referred to as assignor, have with others invented certain new and useful improvements in BATTERY MODULE, AND MIDDLE OR LARGE-SIZED BATTERY PACK CONTAINING THE SAME	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>3-9-09</u>	
Application Number <u>12/310,872</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>09/08/07</u> , as	
<u>PCT/KR2007/004291</u> , designating the United States.	
And	
Whereas, <u>LG Chem, Ltd.</u>	
a corporation of <u>Korea, Republic of</u> herein referred to as "assignee" whose mailing address is	
<u>LG Twin Towers, 20, Yecudo-dong, Yeongdeungpo-gu, Seoul, REPUBLIC OF KOREA 150-721</u>	
is desirous of acquiring the entire right, title and interest in the same;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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.	
<u>09/29/2009</u>	
Date	Jin Woong Ha
	
Witness	
<u>Su-Jin Kim</u>	
Typed Name of Witness	
<input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.	

Form PTO/SB/15 (8-05) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-084
Whereas, I, <u>Jeeho Kim</u> of	
<u>103-1503, Hanwa Gumeogreen Apt., Yongun-dong, Dong-gu, Daejeon, REPUBLIC OF KOREA 300-752</u>	
heresafter referred to as assignor, have with others invented certain new and useful improvements in BATTERY MODULE, AND MIDDLE OR LARGE-SIZED BATTERY PACK CONTAINING THE SAME	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>3-9-09</u> Application Number <u>12/310,872</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>09/08/07</u> , as <u>PCT/KR2007/004291</u> , designating the United States.	
And	
Whereas, <u>LG Chem, Ltd.</u>	
a corporation of <u>Korea, Republic of</u> herein referred to as "assignee" whose mailing address is	
<u>LG Twin Towers, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, REPUBLIC OF KOREA 150-721</u>	
is desirous of acquiring the entire right, title and interest in the same:	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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.	
<u>SEP. 21. 2009</u> Date	 Jeeho Kim
 Witness	
<u>SU-JIN KIM</u> Typed Name of Witness	
<input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.	

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-084
Whereas, I, <u>Yongshik Shin</u> of <u>3-306 LG Chem Sawon Apt. 306-1, Doryong-dong, Yuseong-gu, Daejeon; REPUBLIC OF KOREA 305-340</u>	
hereafter referred to as assignor, have with others invented certain new and useful Improvements in BATTERY MODULE, AND MIDDLE OR LARGE-SIZED BATTERY PACK CONTAINING THE SAME	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>3-9-09</u> Application Number <u>12/310,872</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>09/06/07</u> , as <u>PCT/KR2007/004291</u> , designating the United States.	
And Whereas, <u>LG Chem, Ltd.</u>	
a corporation of <u>Korea, Republic of</u> herein referred to as "assignee" whose mailing address is <u>LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721</u> is desirous of acquiring the entire right, title and interest in the same;	
<p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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, assignee 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.</p>	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.	
<u>09.28.2009</u> Date	 Yongshik Shin
 Witness	
<u>Su-Jin Kim</u> Typed Name of Witness	
<input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.	



600 SOUTH AVENUE WEST • WESTFIELD, NEW JERSEY 07090
 908.654.5000 • FAX 908.654.7866 • WWW.LDLKM.COM

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Facsimile Transmittal

To:	Fax Number	From
USPTO Assignment Division	571-273-0140	Phyllis Kelly 908-518-6456

Date: October 21, 2009
 No. Pages: 5
 File Name: LGCHEM 3.3-084
 Client/Matter No: LGCHEM/108
 Attorney/Secretary: KYH/dmv

MESSAGE:

Please record the attached assignment and fax the Notice of Recordation to Phyllis Kelly at 908-654-7866.

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