

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

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

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):
JI HEON RYU (01/05/2009), JEONG HEE CHOI (01/05/2009), KWANGHO YOO (01/05/2009), AND YOUNGJOON SHIN (01/05/2009)

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):
A. Patent Application No.(s)
12/309,506
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)


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.: LCHEM 3.3-060
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)

B. 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 _____ Date June 24, 2009
Kelly Y. Hwang - 51,831
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

CH \$40.00 121096 12309606

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-
<p>Whereas, I, <u>Jeong Hee Choi</u> of <u>102-103, Daewoo Apt., 1170-2, Daeyeon 4-dong, Nam-gu, Busan.; REPUBLIC OF KOREA 608-784</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in ELECTRODE ASSEMBLY HAVING STABLE LEAD-TAP JOINT AND ELECTROCHEMICAL CELL CONTAINING THEM</p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was filed on _____ Application Number _____</p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>July 14, 2007</u>, as <u>PCT/KR2007/003435</u>, designating the United States.</p> <p>And</p> <p>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> <p>NOW, THEREFORE, in consideration of the sum of <u>000</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.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <p style="text-align: center;"> <u>2009. 1. 5.</u> _____ Date </p> <p style="text-align: center;">  _____ Jeong Hee Choi </p> <p style="text-align: center;">  _____ Witness </p> <p style="text-align: center;"> <u>Yong TAE KIM</u> _____ Typed Name of Witness </p>	

*Total of 4 forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-
<p>Whereas, I, <u>Kwangho Yoo</u> of <u>203-1504, Songgongmeoul 2-danji Apt., Songgong-dong, Yuseong-gu, Daejeon; REPUBLIC OF KOREA 305-763</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in ELECTRODE ASSEMBLY HAVING STABLE LEAD-TAP JOINT AND ELECTROCHEMICAL CELL CONTAINING THEM</p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was filed on _____ Application Number _____</p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>July 14, 2007</u>, as <u>PCT/KR2007/003435</u>, designating the United States.</p> <p>And</p> <p>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> <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, 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.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <p><u>2009. 01. 05.</u></p> <p>Date</p> </div> <div style="text-align: center;">  <p>Kwangho Yoo</p> </div> </div> <div style="margin-top: 20px;"> <p><u>[Signature]</u></p> <p>Witness</p> <p><u>Jooyeul Kim</u></p> <p>Typed Name of Witness</p> </div>	
<input checked="" type="checkbox"/> Total of <u>4</u> forms are submitted.	

LD 3151

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-
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Whereas, I, Youngjoon Shin of 105-904, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-781 hereafter referred to as assignor, have with others invented certain new and useful improvements in ELECTRODE ASSEMBLY HAVING STABLE LEAD-TAP JOINT AND ELECTROCHEMICAL CELL CONTAINING THEM

- 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 July 14, 2007, as PCT/KR2007/003435, designating the United States.

And

Whereas, LG CHEM, LTD. a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721 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.

January 5, 2009
Date

[Signature]
Youngjoon Shin

[Signature]
Witness

YOUNG-TAP KIM
Typed Name of Witness

*Total of 4 forms are submitted.

PATENT