

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 03/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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):

SANG HUN KIM (05/03/2011),
JONG HWAN KIM (05/03/2011),
HAN HO LEE (05/12/2011), AND
JONG HYUN CHAE (05/03/2011)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/259,927

☐ This document is being filed together with a new application.

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 3.3-184

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6320

Fax Number: (908) 654-7866

Email Address: khwang@ldlkm.com

6. Total number of applications and patents involved:

1

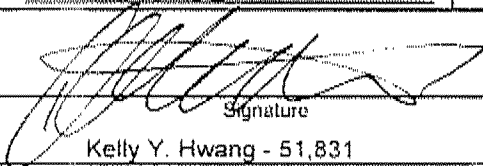
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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

September 26, 2011

Date

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

CH \$40.00 121095 13259927

Inventor PTO/SEI/55 (0-00) Non-Patent Litigation

ASSIGNMENT OF UTILITY APPLICATION		Docket Number (Optional)
Whereas, I, <u>Sang Hun KIM</u> of		
<u>2 LG Employee Apt, Guyeollip, Doryong-dong, Yuseong-gu, Daejeon 305-340 REPUBLIC OF KOREA</u>		
hereafter referred to as assignor, have with others invented certain new and useful improvements in		
<u>Pouch type lithium secondary battery</u>		
<input checked="" type="checkbox"/>	for which an application for a United States Letters Patent was filed on	<u>September 23, 2011</u>
	Application Number	<u>13/259,927</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>February 10, 2011</u> as
<u>PCT/KR2011/000903</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, 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>		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
<u>2011. 9. 3</u>		<u>[Signature]</u>
Date		Sang Hun KIM
Witness		
Typed Name of Witness		

<input checked="" type="checkbox"/>	Total of	4	forms are submitted
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10-5130

6/26/09-04971/3_Assignment

011

PATENT
 REEL: 026997 FRAME: 0030



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

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
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Whereas, I, Jong Hwan KIM of

7-303, LG Chemicals Employee Apt., Doryong-dong, Yuseong-gu, Daejeon 305-340
REPUBLIC OF KOREA

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

Pouch type lithium secondary battery

☒ for which an application for a United States Letters Patent was filed on September 23, 2011
Application Number 13/259,927

☐ for which an application for a United States Letters Patent was executed by me on _____

☒ for which an International Application was filed on February 10, 2011, as
PCT/KR2011/000903, designating the United States.

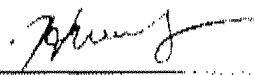
And

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.

2011. 9. 3
Date


Jong Hwan KIM

Witness


Typed Name of Witness

<input checked="" type="checkbox"/>	Total of <u>4</u> forms are submitted.
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LD-515

42009-0497105 Assignment


114

ASSIGNMENT OF UTILITY APPLICATION	former PTO/SO/15 (8-00) MODIFIED 10/1/04 Docket Number (Optional)
<p>Whereas, I, <u>Han Ho LEE</u> of</p> <p><u>103-204 Hyundai Apt. 431-6, Doryong-dong, Yuseong-gu, Daejeon, 305-340 REPUBLIC OF KOREA</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in</p> <p><u>Pouch type lithium secondary battery</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>September 23, 2011</u></p> <p>Application Number <u>13/259,927</u></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>February 10, 2011</u>, as</p> <p><u>PCT/KR2011/000903</u>, designating the United States.</p> <p>And</p> <p>Whereas, <u>LG Chem, Ltd.</u></p> <p>a corporation of <u>Korea, Republic of</u> herein referred to as "assignee" whose mailing address is</p> <p><u>LG Twin Towers, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, REPUBLIC OF KOREA 150-721</u></p> <p>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;"> <u>2011. 9. 12</u> Date </div> <div style="text-align: center;">  Han Ho LEE </div> </div> <div style="margin-top: 20px;"> _____ Witness </div> <div style="margin-top: 20px;"> _____ Typed Name of Witness </div>	

<input checked="" type="checkbox"/>	*Total of <u>4</u> forms are submitted.
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LD-5151

G2009-049715_Assignment

ASSIGNMENT OF UTILITY APPLICATION	<small>Former PTO/SB/15 (8-00) Modified 12/2004</small> Docket Number (Optional)
<p>Whereas, I, <u>Jong Hyun CHAE</u> of</p> <p><u>208-901, Daedeok Techno Valley, 565, Gwanpyeong-dong, Yuseong-gu, Daejeon 305-509</u> <u>REPUBLIC OF KOREA</u></p> <p>hereafter referred to as assignor, have with others invented certain now and useful improvements in</p> <p><u>Pouch type lithium secondary battery</u> _____ <u>September 23, 2011</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on _____ Application Number <u>13/259,927</u></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>February 10, 2011</u> _____ <u>PCT/KR2011/000903</u>, designating the United States.</p> <p>And</p> <p>Whereas, <u>LG Chem. Ltd.</u></p> <p>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></p> <p>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;"> <u>2011. 5. 3</u> Date </div> <div style="text-align: center;">  Jong Hyun CHAE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> _____ Witness </div> <div style="text-align: center;"> _____ Typed Name of Witness </div> </div>	
<input checked="" type="checkbox"/> Total of <u>4</u> forms are submitted	

LD-5151

02009-0497US_Assignment

