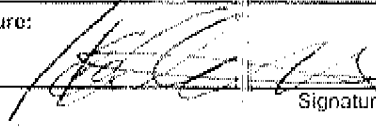
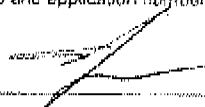
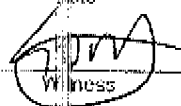


Form PTO-1595 (Rev. 09-04)
OMB No. 0651-0027 (exp. 6/30/2005)

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


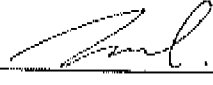
RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s): HO-CHUN LEE (06/15/2010), JEONG-JU CHO (06/15/2010), AND JONG-HO JEON (06/15/2010) Execution Date(s) in parentheses after inventor name Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>LG CHEM, LTD.</u> Internal Address: _____ Street Address: _____ <u>LG TWIN TOWERS</u> <u>20, YEQUIDO-DONG</u> <u>YEONGDEUNGPO-GU</u> City: <u>SEOUL</u> State: _____ Country: <u>Republic of Korea</u> Zip: <u>150-721</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confidential License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>12/810,541</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Kelly Y. Hwang</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLTZ & MENTLIK, LLP</u> Internal Address: Atty. Dkt. LGCHEM 3.3-150 Street Address: <u>600 South Avenue West</u> City: <u>Westfield</u> State: <u>NJ</u> Zip: <u>07090</u> Phone Number: <u>(908) 518-6320</u> Fax Number: <u>(908) 654-0415</u> Email Address: <u>khwtng@ldlkm.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>12-1095</u> Authorized User Name <u>Kelly Y. Hwang</u>	
9. Signature: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Signature <u>Kelly Y. Hwang - 51,831</u> Name of Person Signing </div> <div style="text-align: right;"> <u>July 7, 2010</u> Date </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 10px;"> <div>Total number of pages including cover sheet, attachments, and documents:</div> <div style="border: 1px solid black; padding: 2px 10px;">4</div> </div>	

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

ASSIGNMENT OF PATENT APPLICATION		Docket Number (Optional) LGCHEM	
Whereas, I, <u>CHO, Jeong-Ju</u> of <u>108-1201 Daedeok Techno Valley Apt., Gwanpyeong-dong, Yuseong-gu, Daejeon 305-509 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>June 25, 2010</u>			
Application Number <u>12/810,541</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>December 31, 2008</u> as <u>PCT/KR2009/007881</u> designating the United States.			
And			
Whereas, <u>LG Chem, Ltd.</u> a corporation of <u>Korea</u> herein referred to as "assignee" whose mailing address is <u>20, Yoido-dong, Songdongpo-gu, Seoul 150-721 REPUBLIC OF KOREA</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, its 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.			
6/15/2010 Date		 CHO, Jeong-Ju	
 Witness			
SONG, Mi-Ran Typed Name of Witness			
<input checked="" type="checkbox"/> Total of <u>3</u> forms are submitted.			

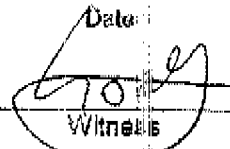

LDLKM

[P:2008-00961US] [T:2008-007461] [F:1]

<small>former PTO/SB/15 (8-00) Modified LDLKM</small> ASSIGNMENT OF PATENT APPLICATION		Docket Number (Optional) LGCHEM
<p>Whereas, I, <u>JEON, Jong-Ho</u> of <u>9-505 LG Chem Employee Apt., Doryong-dong, Yuseong-gu, Daejeon 305-340</u> <u>Republic of Korea</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in POUCH-TYPE LITHIUM SECONDARY BATTERY</p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>6/25/10</u> Application Number <u>12/810,541</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>December 31, 2008</u>, as <u>PCT/KR2008/017881</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>20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 REPUBLIC OF KOREA</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>2010.06.15</u> Date</p> <p><u></u> Witness</p> <p><u>SONG, Mi-Ran</u> Typed Name of Witness</p> </div> <div style="text-align: center;"> <p><u></u> JEON, Jong-Ho</p> </div> </div>		
<p><input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.</p>		

LD-515

Revised PTO/581 (8-00) Modified LDLKM

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) LGCHEM
Whereas, I, <u>LEE, Ho-Chun</u> of	
<u>508-601 Sindonga Pannille, Gwanpyeong-dong, Yuseong-gu, Daejeon 305-745</u> <u>Republic of Korea</u>	
hereafter referred to as assignor, have with others invented certain new and useful improvements in POUCH-TYPE LITHIUM SECONDARY BATTERY	
<input type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>6/25/10</u> Application Number: <u>12/810,541</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>December 31, 2008</u> , as <u>PCT/KR2008/001881</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>20, Yoido-dong, Yongsongpo-gu, Seoul 150-721 REPUBLIC OF KOREA</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 sign all lawful papers, make all 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>6/15/10</u> Date:  Witness <u>SONG, Mi Ran</u> Typed Name of Witness	 <u>LEE, Ho-Chun</u>
<input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.	

1.0-515