

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Junill YOON</td> <td>03/06/2012</td> </tr> <tr> <td>Jong-yul RO</td> <td>04/10/2012</td> </tr> <tr> <td>Heekook YANG</td> <td>03/08/2012</td> </tr> <tr> <td>Jongmoon YOON</td> <td>03/15/2012</td> </tr> <tr> <td>Do Yang JUNG</td> <td>04/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Junill YOON	03/06/2012	Jong-yul RO	04/10/2012	Heekook YANG	03/08/2012	Jongmoon YOON	03/15/2012	Do Yang JUNG	04/10/2012
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Jongmoon YOON	03/15/2012												
Do Yang JUNG	04/10/2012												
RECEIVING PARTY DATA													
Name:	LG CHEM, LTD.												
Street Address:	20, Yoido-dong, Youngdungpo-gu												
City:	Seoul												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	150-721												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13357716</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13357716								
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Application Number:	13357716												
CORRESPONDENCE DATA													
Fax Number:	(703)205-8050												
Phone:	703-205-8000												
Email:	mailroom@bskb.com, majanos@bskb.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Birch, Stewart, Kolasch & Birch, LLP												
Address Line 1:	P.O. Box 747												
Address Line 4:	Falls Church, VIRGINIA 22040-0747												
ATTORNEY DOCKET NUMBER:	5097-0129PUS3												
NAME OF SUBMITTER:	Craig A. McRobbie												

OP \$40.00 13357716

**Total Attachments: 10**

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**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

UNITED STATES PATENT RIGHTS, OR  
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**ASSIGNMENT**

Application No. 13/357,716 Filed January 25, 2012

Insert Name(s) of Inventor(s) **\*\*\* (Given Name FAMILY NAME (ALL CAPS)) \*\*\***

WHEREAS, **Junill YOON, Jong-yul RO, Heekook YANG, Jongmoon YOON, Do Yang JUNG** (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title of Invention **BATTERY MODULE ASSEMBLY**

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Insert Date of Signing of Application On 03/06/2012, 04/10/2012, 03/08/2012, 03/15/2012 and 04/10/12; an

Insert Name of Assignee WHEREAS, **LG CHEM, LTD.**

Insert Address of Assignee of 20, Yoido-dong, Youngdungpo-gu, 150-721 Seoul, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE  **in any foreign countries.**

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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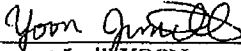
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The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2012/3/6, Name of Inventor   
 (signature) Junil YOON

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Jong-yul RO

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Heekook YANG

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Jongmoon YOON

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Do Yang JUNG

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature)

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Date _____	Name of Inventor _____ (signature) Junill YOON
Date <u>Apr. 10/ 2012</u>	Name of Inventor <u>Jongyul Ro</u> (signature) Jong-yul RO
Date _____	Name of Inventor _____ (signature) Heekook YANG
Date _____	Name of Inventor _____ (signature) Jongmoon YOON
Date _____	Name of Inventor _____ (signature) Do Yang JUNG
Date _____	Name of Inventor _____ (signature)

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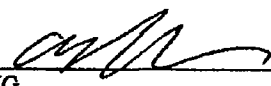
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Date _____,	Name of Inventor _____ (signature) Jong-yul RO
Date <u>Mar. 8th 2012</u> ,	Name of Inventor _____  (signature) Heekook YANG
Date _____,	Name of Inventor _____ (signature) Jongmoon YOON
Date _____,	Name of Inventor _____ (signature) Do Yang JUNG
Date _____,	Name of Inventor _____ (signature)



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 (signature) Junill YOON

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Jong-yul RO

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 (signature) Heekook YANG

Date 3/15/2012, Name of Inventor \_\_\_\_\_  
 (signature) Jongmeon YOON

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 (signature) Do Yang JUNG

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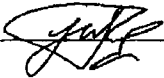
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Date _____,	Name of Inventor _____ (signature) Heckkook YANG
Date _____,	Name of Inventor _____ (signature) Jongmoon YOON
Date 2012. 4. 10 _____,	Name of Inventor _____ (signature) Do Yang JUNG 
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