

## PATENT ASSIGNMENT

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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>Jae-myung LEE</td> <td>07/30/2013</td> </tr> <tr> <td>Tae-young KIM</td> <td>07/30/2013</td> </tr> <tr> <td>Young-sin PARK</td> <td>07/30/2013</td> </tr> <tr> <td>Seung-wook BAEK</td> <td>07/30/2013</td> </tr> <tr> <td>Jong-heun LEE</td> <td>07/30/2013</td> </tr> <tr> <td>Jee-hyun AHN</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jae-myung LEE	07/30/2013	Tae-young KIM	07/30/2013	Young-sin PARK	07/30/2013	Seung-wook BAEK	07/30/2013	Jong-heun LEE	07/30/2013	Jee-hyun AHN	07/30/2013
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<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu</td> </tr> <tr> <td>City:</td> <td>Suwon-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129, Samsung-ro, Yeongtong-gu	City:	Suwon-si, Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742				
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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>13953893</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13953893										
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CORRESPONDENCE DATA															
Fax Number:	8602860115														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	YPL1280US
NAME OF SUBMITTER:	Grant M. Ehrlich, Ph. D.
Signature:	/Grant M. Ehrlich/
Date:	07/30/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=6S02574#page1.tif source=6S02574#page2.tif source=6S02574#page3.tif source=6S02574#page4.tif	

**DECLARATION AND ASSIGNMENT**

Title of Invention: **SOLID ION CONDUCTOR, SOLID ELECTROLYTE INCLUDING THE SAME, LITHIUM BATTERY INCLUDING THE SOLID ELECTROLYTE, AND METHOD OF MANUFACTURING THE SOLID ION CONDUCTOR**

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application (Attorney Docket Number YPL1280US), or

United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, SAMSUNG ELECTRONICS CO., LTD., a corporation of the Republic of Korea having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such

patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

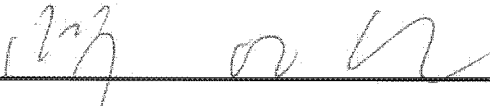
Legal Name of Inventor: **Jae-myung LEE**

Signature:  \_\_\_\_\_ Date: 30 July 2013

Legal Name of Inventor: **Tae-young KIM**

Signature:  \_\_\_\_\_ Date: 30 July 2013

Legal Name of Inventor: **Young-sin PARK**

Signature:  \_\_\_\_\_ Date: 30 July 2013

Legal Name of Inventor: **Seung-wook BAEK**

Signature:  \_\_\_\_\_ Date: 30 July 2013

## DECLARATION AND ASSIGNMENT

Title of Invention: **SOLID ION CONDUCTOR, SOLID ELECTROLYTE INCLUDING THE SAME, LITHIUM BATTERY INCLUDING THE SOLID ELECTROLYTE, AND METHOD OF MANUFACTURING THE SOLID ION CONDUCTOR**

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such

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Legal Name of Inventor: Jong-heun LEE

Signature: Jong-heun Lee Date: \_\_\_\_\_

Legal Name of Inventor: Jee-hyun AHN

Signature: Jee-hyun AHN Date: \_\_\_\_\_