

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JUNHWAN KU | 09/15/2014 |
| SEUNGSIK HWANG | 09/15/2014 |
| JONGHWAN PARK | 09/15/2014 |
| INHYUK SON | 09/15/2014 |
| JEONGKUK SHON | 09/15/2014 |
| JAEMYUNG LEE | 09/15/2014 |
| YEONJI CHUNG | 09/15/2014 |
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| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 443-742 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14493443 |
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| NAME OF SUBMITTER: | GRANT M. EHRLICH |
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PATENT

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|---|--|
| DATE SIGNED: | 09/23/2014 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 3 source=7A71617#page1.tif source=7A71617#page2.tif source=7A71617#page3.tif | |

DECLARATION AND ASSIGNMENT

Title of Invention: ANODE ACTIVE MATERIAL, LITHIUM BATTERY COMPRISING THE SAME, AND METHOD OF PREPARING THE ANODE ACTIVE MATERIAL

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application (Attorney Docket Number YPL1442US), 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 as "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

YPL1442US
SI-45844-US


6. Legal Name of Inventor: **Jaemyong Lee**

Signature:  Date: 15 September 2014

7. Legal Name of Inventor: **Yeonji Chung**

Signature:  Date: 15 September 2014

8. Legal Name of Inventor: **Jaeman Choi**

Signature:  Date: 15 September 2014



SAMSUNG ELECTRONICS

10/2014