

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bo Hyun KIM	12/27/2006
Jisang YU	12/27/2006
Sung-Woo KIM	12/27/2006
Ra Young HWANG	12/27/2006
John E. NAMGOONG	12/27/2006
RECEIVING PARTY DATA	
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State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11559943
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Total Attachments: 2

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ASSIGNMENT

WHEREAS We, **Bo Hyun KIM** of 103-1902, Samsung Raemian Apt., Songpa-dong, Songpa-gu, Seoul 138-170, Republic of Korea, **Jisang YU** of 373-1, Guseong-dong, Yuseong-gu, Daejeon 305-338, Republic of Korea, **Sung-Woo KIM** of 103-301, Dungji Apt., Dunsan 2-dong, Seo-gu, Daejeon 302-734, Republic of Korea, **Ra Young HWANG** of 102, 240-48, Yeonnam-dong, Mapo-gu, Seoul 121-865, Republic of Korea, **John E. NAMGOONG** of 7-402, LG Chem Sawon Apt., Doryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea (hereinafter referred to as "ASSIGNORS") are the owner of the entire right, title and interest in the following United States Patent Application:

Serial No. **11/559,943**, filed on **November 15, 2006**, entitled **ELECTROLYTE FOR LITHIUM SECONDARY BATTERY OF IMPROVED LOW-TEMPERATURE PROPERTY AND SECONDARY BATTERY CONTAINING THE SAME**

WHEREAS, **LG CHEM, LTD.** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Republic of Korea having a place of business at **20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea** is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

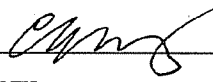
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof,

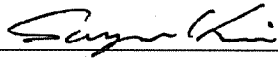


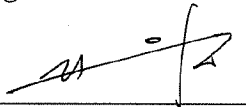
to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

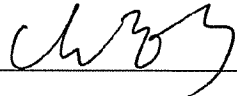
The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Dec. 27th, '06  L.S.
Bo Hyun KIM

Date: December 27th, 2006  L.S.
Jisang YU

Date: December. 27. 2006  L.S.
Sung-Woo KIM

Date: 12. 27. 2006  L.S.
Ra Young HWANG

Date: 12. 27. '06  L.S.
John E. NAMGOONG