PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNG JOON PARK	08/20/2014
HO JIN JEON	08/20/2014
BO HYUN KIM	08/20/2014
DAE SIK CHOI	08/20/2014
JUNG HO PARK	08/20/2014
JAE SIK YOON	08/20/2014
YONG PAL PARK	08/20/2014
SEUNG DON CHOI	08/20/2014
HYE JIN KANG	08/20/2014

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO
Internal Address:	YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14463725

CORRESPONDENCE DATA

Fax Number: (908)654-7866

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (908) 518-6320

Email: Assignment@ldlkm.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER: LGCHEM 3.9F-528 CON(681)

NAME OF SUBMITTER: KELLY Y. HWANG

503002414 REEL: 033870 FRAME: 0975

PATENT -

SIGNATURE:	/Kelly Y. Hwang/
DATE SIGNED:	10/02/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 033870 FRAME: 0976

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS

Attorney Docket Number:

UILLIION	design applications
itle of Invention	ANODE FOR LITHIUM SECONDARY BATTERY AND LITHIUM ION SECONDARY BATTERY INCLUDING THE SAME
As the below This declaration is directed to	
	The attached application, or United States application or PCT international application number
The above-identifie	ed application was made or authorized to be made by me/us.
I/We believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ot more than five (5) years, or both.
	indersigned as a sole inventor (if only one name is listed below) or as a joint inventor (if plural names are invented certain new and useful improvements in the application identified above.
	LG CHEM, LTD., (hereinafter referred to as assignee), a corporation of Korea whose mailing address is Yeongdeungpo-gu, Seoul 150-721, Republic of Korea is desirous of acquiring the entire right, title and ne.
valuable consider and interest for the application and a therefor in the Uniand patents for sa including all claim and the use of its the Commissione or resulting therefor my/our legal repredeliver all original assignments therefor to the undersign proceedings in wooaths, and to do	RE, in consideration of the sum of one dollar, the receipt wherof is acknowledged, and other good and ration, the undersigned hereby sell(s), assign(s) and set(s) over to said assignee my/our entire right, title le United States of America and all other countries in and to said invention and the aforesaid utility patent ill original, divisional, continuation, substitute or reissue applications and patents applied for or granted ited States of America and all other countries, for said invention, including without limitation all applications aid invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and its for damages by reason of past infringement with the right to sue for and collect the same for its own use successors, assigns and legal representatives, and including the right to claim such priority or benefit and r of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements from to said assignee herein, as assignee of the entire interest therein; and the undersigned for me/us and esentatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and I, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all eof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known ed respecting said improvements, whenever requested, to testify in any interferences or other legal hich any of said applications or patents may become involved, to sign all lawful papers, make all rightful generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent d improvements in all countries, the expenses incident to said applications to be borne and paid by said
And I do hereby a known.	authorize my attorneys to insert on this deed the filing date and application number of said application when
FULL NAM	ME OF INVENTOR(S)
Inventor or	ne: PARK, Sung Joon Date: Aug. 20, 2014
Signature:	<u> </u>
X Additi	ional inventors or a legal representative are being named on additional form(s) attached hereto.
PLEASE	SEE THE WARNINGS ON THE LAST PAGE OF THIS FORM.

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REEL: 033870 FRAME: 0977

RECORDED: 10/02/2014

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS ADDITIONAL INVENTOR(S) Supplemental Sheet				
Inventor two: <u>JEON, Ho Jin</u> Signature:	Date:	Aug. 20, 2014		
Inventor three: KIM, Bo Hyun Signature: フょくない	Date:	Aug. 20, 2014		
Inventor four: CHOI, Dae Sik Signature: African	Date:	Aug. 20, 2014		
Inventor five: PARK, Jung Ho Signature:	Date:	Aug. 20, 2014		
Inventor six: YOON, Jae Sik Signature:	Date:	Aug. 20, 2014		
Inventor seven: PARK, Yong Pal Signature:	Date:	Aug. 20, 2014		
Inventor eight: CHOI, Seung Don Signature: 4 · O · Ou	Date:	Aug. 20, 2014		
Inventor nine: KANG Hye Jin Signature:	Date:	Aug. 20, 2014		
Inventor ten: Signature:	Date:			
WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56." Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				