PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5510751

CONVEYING PARTY DATA

Name	Execution Date
SOON-CHANG HONG	11/02/2018
HYO-CHAN KIM	11/02/2018
HANG-JUNE CHOI	11/02/2018
KYE-YEON RYU	11/02/2018

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16348023

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	121594-5055
NAME OF SUBMITTER:	ROBERT J. GOODELL
SIGNATURE:	/Robert J. Goodell/
DATE SIGNED:	05/07/2019

Total Attachments: 2

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PATENT 505463948 REEL: 049102 FRAME: 0528

COMBINED DECLARATION & ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION				
Title	BATTERY MODULE AND BATTERY PACK AND VEHICLE COMPRISING THE SAME			
DECLARATION				
As a below nar	ned inventor, I hereby declare that:			
This declaratio	n is directed to:			
П П	ne attached application, or			
×	S. application or PCT international application number PCT/KR2018/005918 filed on May 24, 2018.			
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 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.				
Note to Inventor: 37 C.F.R. § 1.63(c) states: A person may not execute an oath or declaration for an application unless that 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 the person to be material to patentability as defined in § 1.56.				
ASSIGNMENT				
WHEREAS, I ha	we made an invention described and/or claimed in the above-identified application; and			
WHEREAS, LG CHEM, LTD., a corporation of the Republic of Korea whose post office address is 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea (hereinafter referred to as the "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;				
hereby acknow over unto the invention and which may be applications, a country and al renewals, and United States above, to issue	DRE, be it known that, for good and valuable consideration the receipt of which from the Assignee is viedged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set Assignee, and its lawful successors and assigns, my entire right, title, and interest in and to this this application, and all divisions, and continuations thereof, and all Letters Patent of the United States granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such all applications for Letters Patent which may hereafter be filed for this invention in any foreign I Letters Patent which may be granted on this invention in any foreign country, and all extensions, reissues thereof; and I hereby authorize and request the Director of Patents and Trademarks of the and any official of any foreign country whose duty it is to issue patents on applications as described all Letters Patent of this invention to the Assignee, and its successors and assigns, in accordance with his Assignment;			

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COMBINED DECLARATION & ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with the Assignee, and its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, and its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid the Assignee, and its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, and its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.	
First Inventor (Full Legal Name): HONG, Soon-Chang Signature:	Date: 2018. Nov. 02
Second Inventor (Full Legal Name): KIM, Hyo-Chan Signature:	Date:
Third Inventor (Full Legal Name): CHOI, Hang-June Signature:	Date: 02. Nov. 2018
Fourth Inventor (Full Legal Name): RYU, Kye-Yeon Signature:	Date:
Fifth Inventor (Full Legal Name):	
Signature:	Date:
Sixth Inventor (Full Legal Name):	
Signature:	Date:
Seventh Inventor (Full Legal Name):	
Signature:	Date:

Morgan, Lewis & Bockius LLP

RECORDED: 05/07/2019