

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4811160

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KYU MIN HWANG	01/29/2018
RECEIVING PARTY DATA		
Name:	SK INNOVATION CO., LTD.	
Street Address:	26, JONG-RO, JONGNO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	03188	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15889417	
CORRESPONDENCE DATA		
Fax Number:	(412)471-4094	
<i>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.</i>		
Phone:	412-471-8815	
Email:	assignments@webblaw.com	
Correspondent Name:	THE WEBB LAW FIRM, P.C.	
Address Line 1:	ONE GATEWAY CENTER	
Address Line 2:	420 FT. DUQUESNE BLVD, SUITE 1200	
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222	
ATTORNEY DOCKET NUMBER:	5038-1801050	
NAME OF SUBMITTER:	RICHARD L. BYRNE	
SIGNATURE:	/Richard L. Byrne/	
DATE SIGNED:	02/06/2018	
Total Attachments: 3		
source=RECCOVER#page1.tif		
source=ASSIGN#page1.tif		
source=ASSIGN#page2.tif		

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kyu Min HWANG

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 29, 2018

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: SK Innovation Co., Ltd.

Internal Address: _____

Street Address: 26, Jong-ro, Jongno-gu

City: Seoul

State: _____

Country: REPUBLIC OF KOREA Zip: 03188

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

15/889,417

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 5038 - 1801050

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Richard L. Byrne/

February 6, 2018

Signature

Date

Richard L. Byrne

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 044840 FRAME: 0221

INTERNATIONAL
Application No. _____

Attorney Docket No. 5038-1801050

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

**BATTERY PACK AND METHOD FOR DETECTING WHETHER OR NOT BUSBAR IS
OPENED USING THE BATTERY PACK**

(Invention Title)

☒ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☐ for which an application for a United States Patent was filed on _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty on _____ (mm/dd/yyyy), bearing Application No. _____ (hereinafter "said application").

AND, WHEREAS, **SK Innovation Co., Ltd.**, a corporation of the **Republic of Korea**, having a place of business at **26, Jong-ro, Jongno-gu, Seoul 03188, Republic of Korea**, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 15/889,417, filed 02/06/2018) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

INTERNATIONAL

Application No. _____

Attorney Docket No. 5038-1801050

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

Kyu Min HWANG

RESIDENCE:

Daejeon, Republic of Korea

EXECUTED this 29th day of January, 2018



SIGNATURE

WITNESS:

☐ Checked Box indicates ____ additional page(s) for inventor signatures.