507888492 05/04/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7935616

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUNG-MIN PARK	01/10/2020
WOO-TAEK KIM	01/10/2020
HYEON-WOO KIM	01/10/2020
SOON-CHEOL HWANG	01/10/2020
CHOONG-MO YANG	01/10/2020
YOON-CHEOL PARK	01/16/2020
KEEYOUNG JUNG	01/16/2020

RECEIVING PARTY DATA

Name:	POSCO
Street Address:	(GOEDONG-DONG) 6261, DONGHAEAN-RO, NAM-GU
City:	POHANG-SI, GYEONGSANGBUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	37859
Name:	RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY
Name: Street Address:	RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY 67 CHEONGAM-RO, NAM-GU
Street Address:	67 CHEONGAM-RO, NAM-GU

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16651717	

CORRESPONDENCE DATA

Fax Number:

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: 2027393000

Email: patents@morganlewis.com, Sandra.Johnson@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP
Address Line 1: 1111 PENNSYLVANIA AVENUE NW

Address Line 4: WASHINGTON, D.C. 20004

PATENT

507888492 REEL: 063531 FRAME: 0032

ATTORNEY DOCKET NUMBER:	123301-5168-US
NAME OF SUBMITTER:	SANDRA M JOHNSON
SIGNATURE:	/SANDRA M. JOHNSON/
DATE SIGNED:	05/04/2023

Total Attachments: 3

source=123301-5168-US_declaration#page1.tif source=123301-5168-US_declaration#page2.tif source=123301-5168-US_declaration#page3.tif

> PATENT REEL: 063531 FRAME: 0033

COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

Title of Invention	METI	GGER FOR FIRING SECONDARY BATTERY ACTIVE MATERIAL AND ETHOD FOR MANUFACTURING SECONDARY BATTERY ACTIVE MATERIAL SING SAME			
DECLARATION As the below name	d and un	dersigned inventor, I hereby declare that:			
This declaration is directed to:		The attached application, or			
		United States application or PCT international application number PCT/KR2018/011518 filed on September 28, 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 he material to patentability as defined in § 1.56.

ASSIGNMENT

WHEREAS, I have made an invention described and/or claimed in the above-identified application; and

WHEREAS, POSCO, a corporation of the Republic of Korea, having a place of business at (Goedong-dong) 6261, Donghaean-ro, Nam-gu Pohang-si, Gyeongsangbuk-do 37859, Republic of Korea and RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, a corporation of the Republic of Korea, having a place of business at 67 Cheongam-ro, Nam-gu Pohang-si, Gyeongsangbuk-do 37673, Republic of Korea (hereinafter referred to as "ASSIGNEES") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I have assigned and do hereby assign to the ASSIGNEES, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEES, and its lawful successors and assigns, the right to file patent

Morgan, Lewis & Bockius LLP

applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties:

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEES as the assignees of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEES, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

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

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEES, and its lawful 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 ASSIGNEES, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEES, and its lawful 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 ASSIGNEES, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name): PARK, Young-Min

Signature: Date: 2020, Jan. 10

NAME OF INVENTOR (Full Legal Name): KIM, Wog-Tack

Signature: Date: 2020, 01, 10

NAME OF INVENTOR (Full Legal Name): KIM, Hyeon-Wog

Signature: Date: 2020, 01, 10

NAME OF INVENTOR (Full Legal Name): HWANG, Soon-Cheol

Signature: Date: 01/10/2020

NAME OF INVENTOR (Full Legal Name): HWANG, Choong-Mo

Signature: Date: 01/10/2020

Signature: Date: 2020, Jan. 10

Morgan, Lewis & Bockius LLP

Assignee Ref. No. Page 3/3

NAME OF INVEN	FOR (Full Legal Name) : <u>PARK, Yoon-Cheol</u>			
Signature:	2 Cpark	Date:	2020.1	<u>. 16</u>
NAME OF INVEN	TOR (Full Legal Name) : <u>IUNG, Keeyoung</u>			
Signature:		Date:	2020.)	(

Morgan, Lewis & Bockins LLP

PATENT REEL: 063531 FRAME: 0036

RECORDED: 05/04/2023