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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANG WOOK CHOI	05/30/2019
ALI COSKUN	05/30/2019
SUNG HUN CHOI	05/30/2019
TAE WOO KWON	05/30/2019

RECEIVING PARTY DATA

Name:	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY		
Street Address: 291, DAEHAK-RO, YUSEONG-GU			
City:	DAEJEON		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	34141		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16469329	

CORRESPONDENCE DATA

Fax Number: (202)315-3758

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: 202-429-0020 Email: pto@nsiplaw.com

Correspondent Name: NSIP LAW

Address Line 1: P.O. BOX 65745

Address Line 4: WASHINGTON, D.C. 20035

ATTORNEY DOCKET NUMBER: 280167.0006

NAME OF SUBMITTER: STEPHEN T. BOUGHNER

SIGNATURE: /Stephen T. Boughner/

DATE SIGNED: 06/13/2019

Total Attachments: 2

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PATENT 505523542 REEL: 049459 FRAME: 0200

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

, ,	e that this declaration is directed to the CT International Application Number	PCT/KR/2017/014249
.,	CrimemationarApplication Number if applicable), entitled:	PC1/RR/2017/014249

ROTAXANE POLYMER BINDER FOR LITHIUM SECONDARY BATTERY, ELECTRODE COMPRISING SAME, AND SECONDARY BATERY COMPRISING SAME

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Korea Advanced Institute of Science and Technology 291, Daehak-ro, Yuseong-gu Daejeon, 34141 Republic of Korea

and its succe	essors and assigns (colle	ctively hereinafter o	called "the Assignee"), tl	ne entire right, title, an	d
interest thro	ughout the world in the in	ventions and impro	vements that are the su	bject of the application	ì
identified in t	he above declaration, wh	ich is United State	s Application Number or	PCT International Ap	plication
Number	PCT/KR/2017/014249	filed on	December 6, 2017	***************************************	

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

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D.A

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Jang Wook CHOI			
Inventor's Signature	AN2	Date	May 30 `2019	
Residence (City, Country)	Daejeon, Republic of Korea			
Mailing Address	291, Daehak-ro, Yuseong-gu, Daejeon 34141 Republic of Korea			
Inventor's Legal Name	Ali COSKUN			
Inventor's Signature		Date	May 30 `2019	
Residence (City, Country)	Daejeon, Republic of Korea			
Mailing Address	291, Daehak-ro, Yuseong-gu, Daejeon 34141 Republic of Korea			

Inventor's Legal Name	Sung Hun CHOI		
Inventor's Signature	35	Date	May 30 `2019
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	291, Daehak-ro, Yuseong-gu, Daejeon 34141 Republic of Korea		

Inventor's Legal Name	Tae Woo KWON		
Inventor's Signature	12 of.	Date	May 30 `2019
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	291, Daehak-ro, Yuseong-gu, Daejeon 34141 Republic of Korea		