506457863 01/20/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KI KANG KIM	01/14/2021
SOO HO CHOI	01/14/2021

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17153029	

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SIGNATURE: /S. Mahmood Ahmad/

DATE SIGNED: 01/20/2021

Total Attachments: 2

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PATENT 506457863 REEL: 054965 FRAME: 0038

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

	DECLARATION					
	As a below-named inventor, I hereby declare that this declaration is directed to the application attached hereby					
or to United States Application Number or PCT International Application Number						
	filed on (if applicable), entitled:					
	SINGLE CRYSTAL TRANSITION METAL DICHALCOGENIDE THIN FILM AND METHOD FOR SYNTHESIZING THE 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 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 PCT international filing date of the continuation-in-part application.					
	ASSIGNMENT					
	For valuable consideration, I, as a below-named assignor, hereby assign to:					
	Research & Business Foundation Sungkyunkwan University 2066, Seobu-ro, Jangan-gu Suwon-si, Gyeonggi-do 16419 Republic of Korea					
	and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and					
	interest throughout the world in the inventions and improvements that are the subject of the application					
	identified in the above declaration, which is United States Application Number or PCT International Application					
	Number 17/153,029 filed on January 20, 2021					
	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					

Page 1

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.

PATENT REEL: 054965 FRAME: 0039

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	Ki Kang KIM			
Inventor's Signature	WX	Date	January 14, 2021	
Residence (City, Country)	Suwon-si, Republic di Korea			
Mailing Address	2066, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea			
Inventor's Legal Name Soo Ho CHOI				
Inventor's Signature		Date	January 14, 2021	

2066, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Suwon-si, Republic of Korea

Residence (City, Country)

Mailing Address