# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JINSUN PARK	02/18/2021

### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO	
City:	SUWON-SI	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	16677	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29781971

### **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: 2024290020 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:	D91109.0427	
NAME OF SUBMITTER:	SHABNAM NOWROUZI	
SIGNATURE:	/Shabnam Nowrouzi/	
DATE SIGNED:	05/03/2021	

**Total Attachments: 2** 

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PATENT 506642041 REEL: 056116 FRAME: 0272

### 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 attack	ched hereto
or to United States Application Number or PCT International Application Number	
filed on(if applicable), entitled:	
CLEANER	
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-id application.	entified
I hereby acknowledge that any willful false statement made in this declaration is punishable under 1001 by fine or imprisonment of not more than five (5) years, or both.	I8 USC
I have reviewed and understand the contents of the above-identified application, including the claim	ts.
I am aware of the duty to disclose to the United States Patent and Trademark Office all information me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application that became available between the filing date of the prior application and the n PCT international filing date of the continuation-in-part application.	cations,
ASSIGNMENT	
For valuable consideration, I, as a below-named assignor, hereby assign to:	
Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 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 applica	tion
identified in the above declaration, which is United States Application Number or PCT International	Application
Number 29/781,971 filed on May 3, 2021	
I authorize and request the attorneys appointed in the above-identified application to hereafter com Assignment by inserting above the application number and the filing date of the above-identified ap 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 partility models, and design registrations granted for any of the inventions and improvements that are subject of the above-identified application, and the right to claim priority based on the filing date of	the

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.

identified application under the International Convention for the Protection of Industrial Property, the Patent

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# 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	Jinsun PARK		
Inventor's Signature	JAHLA -	Date	Feb. 18, 2021.
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea		

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