PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUN-PYO KIM	10/23/2019
SUNG-IL BANG	10/23/2019
BYUNG WOOK KANG	10/23/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
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City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29723365

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	SHABNAM NOWROUZI
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DATE SIGNED:	02/06/2020

Total Attachments: 2

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PATENT 505902980 REEL: 051739 FRAME: 0774

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	ed hereto,
or to United States Application Number or PCT International Application Number filed on(if applicable), entitled:	
SOUND BAR	
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-ident application.	tified
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 t 1001 by fine or imprisonment of not more than five (5) years, or both.	USC
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 be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application material information that became available between the filing date of the prior application and the nation PCT international filing date of the continuation-in-part application.	ions,
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	d
interest throughout the world in the inventions and improvements that are the subject of the application	ì
identified in the above declaration, which is United States Application Number or PCT International Application Number 29/723,365 filed on February 6, 2020	olication
I authorize and request the attorneys appointed in the above-identified application to hereafter complet 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 patent 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 a identified application under the International Convention for the Protection of Industrial Property, the Patentian Treaty, the European Patent Convention, and all other treaties of like purposes; and I author the Assignee to apply in all countries in my name or in its own name for patents, utility models, design	above- atent

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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.

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	Jun-Pyo KIM	***************************************	
Inventor's Signature	40	Date	23.10.2019
Residence (City, Country)	Suwon-si, Republic of Korea		
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Inventor's Legal Name	Sung-II BANG	
Inventor's Signature	Date 23,10, 2019	
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Inventor's Legal Name	Byung Wook KANG	
Inventor's Signature	200, 10, 20 pate 20, 10, 20 Lg	
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