PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EUNAH KIM	03/04/2020
CHULYONG CHO	03/04/2020
JAENEUNG LEE	03/04/2020
JIHAE LIM	03/04/2020
CHANHEE HAN	03/04/2020

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:	29739448

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: 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:	D91096.0637
NAME OF SUBMITTER:	SHABNAM NOWROUZI
SIGNATURE:	/Shabnam Nowrouzi/
DATE SIGNED:	06/25/2020

Total Attachments: 2

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PATENT REEL: 053040 FRAME: 0685

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PATENT REEL: 053040 FRAME: 0686

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

	m	2000 2 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
As a below-named inventor, I hereby de	eclare that t	his declaration is di	rected to the a	pplication	attached h	iereto
or to United States Application Number	or PCT Inte	emational Application	on Number			
filed on	1		(if applicable	s), entitled:	•	
	TE	ELEVISION		v		
The above-identified application was m	ade or auth	orized to be made I	by me.	•		
I believe I am the original inventor or ar application.	n original joi	nt inventor of a clai	med invention	in the abor	ve-identifie)d
I hereby acknowledge that any willful fa 1001 by fine or imprisonment of not mo			laration is pun	ishable un	der 18 US	C.
I have reviewed and understand the co	ntents of th	e above-identified a	ipplication, inc	luding the	claims.	
I am aware of the duty to disclose to the me to be material to patentability as de material information that became availa PCT international filing date of the cont	fined in 37 (able betwee ir:uation-in-	CFR 1.56, including in the filing date of t	for continuation	on-in-part a	application	\$,
year		(a)	t			
For valuable consideration, I, as a belo-	w-named a	ssignor, riereby ass	ign to:			
Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-ç Suwon-si, Gyeonggi-do 16677 Republic of Korea	gu			e Çedir		
and its successors and assigns (collect	tively herein	after called "the As	signee"), the e	ntire right,	title, and	
interest throughout the world in the inve	entions and	improvements that	are the subjec	t of the ap	plication	
identified in the above declaration, which Number 29/739,448		, ,		T Internati	onal Applic	cation
Number 29/739,448 I authorize and request the attorneys a	filed on	June 25, 2020				

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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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	Eunah KIM		>
Inventor's Signature	4~~	Date	March 4,2020
Residence (City, Country)	Suwon-si, Republic of Korea.		*,
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gy	eonggi-d	io 16677, Republic of Korea.

Inventor's Legal Name	Chulyong CHO		
Inventor's Signature		Date	March 4, 2020
Residence (City, Country)	Stowon-si, Republic of Korea.		
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gy	eonggi-c	to 16677, Republic of Korea.

Inventor's Legal Name	Jaeneung LEE		
Inventor's Signature	<u></u>	Date	March 4. 2020
Residence (City, Country)	Suwon-si, Republic of Korea.		, 42°
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwo	on-si, Gyeonggi-d	lo 16677, Republic of Korea

Inventor's Legal Name	Jihae LIM			
Inventor's Signature	W///27	Date	Harda	4,2020
Residence (City, Country)	Suwon-si, Republic of Korea.			
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suw	on-si, Gyeonggi-	do 18677, Repu	ublic of Korea.

Inventor's Legal Name	Chanhee HAN		
Inventor's Signature	4 4. 2020		
Residence (City, Country)	Suwon-si, Republic of Korea.		
Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea.		