PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SUNGHYUN JANG	09/25/2019	
DONGUK KANG	09/25/2019	
JAEPHIL KOO	09/25/2019	
SEUN RYU	09/25/2019	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16583951

CORRESPONDENCE DATA

Fax Number: (202)434-1501

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.

202-434-1500 Phone: Email: Isivatko@s-n-h.com STAAS & HALSEY LLP **Correspondent Name:**

Address Line 1: 1201 NEW YORK AVENUE, N.W.

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	1904.1473
NAME OF SUBMITTER:	T. BRIAN BELL
SIGNATURE:	/T. Brian Bell/
DATE SIGNED:	09/26/2019

Total Attachments: 1

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PATENT REEL: 050503 FRAME: 0384

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Client's Ref.: MJ-201810-014-1-US0

WORLD WIDE ASSIGNMENT

S& H 10/1

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration furnished to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

ELECTRONIC APPARATUS AND CONTRO	L METHOD THEREOF
relating to International Patent Application PCT// States of America was executed on even date herewith	and/or for which application for Letters Patent of the United or, if not so executed, was:
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on , Serial No.	Any registered attorney or patent agent of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known

and to said application and all Letters Patent(s) of the United States of America and of any and all other countries granted on said invention and/or on said application and any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews (including inter partes review, post grant review and covered business method review), supplemental examination, interference, or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention in the United States of America and in any and all other countries, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), and in any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews, supplemental examination, interference, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

16 10 - 16	NWITNESS WHEHEUF, the undersign (Typed Name & Signature of Inventor(ned inventor(s) has (have) affixed his/h (s)) (Date)		heir signature(s). (Typed Name & Signature of Witness(es))	
1)	なるを	2019.09.25			
	Sunghyun JANG		occoseda i		
2)	459	2019.09.25			
	Donguk KANG				
3)	-7MM	2019.09.25			
	Jaephil KOO				
4)	유세운	2019.09.25			
	Seun AYU				

PATENT REEL: 050503 FRAME: 0385

RECORDED: 09/26/2019