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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
JINYOUNG PARK			03/22/2018		
CHAN-YONG JUNG	03/22/2018				
GA-JIN SONG	03/26/2018				
DONG-HO JANG			03/26/2018		
RECEIVING PARTY DAT	ГА				
Name:	SAMSUNG ELECTRONICS CO., LTD.				
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI				
City:	GYEONGGI-DO				
State/Country:	KOREA, F	REPUBLIC OF			
Property Type Application Number: 159		Number 938005	-		
PROPERTY NUMBERS	Total: 1		_		
		938005			
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NAME OF SUBMITTER:		STEVE CHA			
SIGNATURE:		/Steve Cha/			
DATE SIGNED:		03/28/2018	03/28/2018		
Total Attachments: 4					
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PATENT REEL: 045369 FRAME: 0344

PTO/SB/15

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

1) Jinyoung PARK	of	#407, 42, Samsung-ro 168beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
2) Chan-Yong JUNG	of	#103-501, 72, Gwonseon-ro 908beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
3) Ga-Jin SONG	of	#108-801, 258, Gwiin-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
4) Dong-Ho JANG	of	#37, Annyeong-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677 REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America and all other countries as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

ELECTRONIC DEVICE AND METHOD FOR CONTROLLING AUDIO PATH THEREOF

invented by **Assignor**; the application for United States patent and all other countries, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for

PATENT REEL: 045369 FRAME: 0345

United States Patent and all other countries. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jinyoung PARK	61, 21-1
Traile of First Inventor. Sinyoung Price	Signature of inventor
	Dated: ۱۲۸۲ ملک
	witnessed:
Name of Second Inventor: Chan-Yong JUNG	Signature of inventor
	Dated:
	WITNESSED:
Name of Third Inventor: Ga-Jin SONG	
	Signature of inventor
	Dated:
	WITNESSED:
Name of Fourth Inventor: Dong-Ho JANG	Signature of inventor
	Signature of interior
	Dated:
	WITNESSED:

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United States Patent and all other countries. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jinyoung PARK		
	Signature of inventor	
	Dated:	
	WITNESSED:	
	lay	
Name of Second Inventor: Chan-Yong JUNG	Signature of inventor	
	Dated:2018, 3, 22.	
	witnessed:	
	Ŭ	
Name of Third Inventor: Ga-Jin SONG	Signature of inventor	
	Dated:	
	WITNESSED:	
Name of Fourth Inventor: Dong-Ho JANG		
The of Fourth Internet Fong 100 - C	Signature of inventor	
	Dated:	
	WITNESSED:	

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United States Patent and all other countries. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jinyoung PARK	
	Signature of inventor
	Dated:
	WITNESSED:
Name of Second Inventor: Chan-Yong JUNG	Signature of inventor
	Dated:
	WITNESSED:
Name of Third Inventor: Ga-Jin SONG	Ga Sin Song Signature of inventor
	Dated: 718.3.26
	witnessed:hy
Name of Fourth Inventor: Dong-Ho JANG	DOWAHO JANG Signature of inventor
	Dated: 2018, 3.26
	witnessed: <u>Jy</u>

RECORDED: 03/28/2018