

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5848798

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JAEMOON CHA	12/03/2019
	WONSEOB KIM	12/03/2019
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<b>City:</b>	GYEONGGI-DO	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16702681
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<b>ATTORNEY DOCKET NUMBER:</b>	4500-1-596	
<b>NAME OF SUBMITTER:</b>	STEVE CHA	
<b>SIGNATURE:</b>	/Steve Cha/	
<b>DATE SIGNED:</b>	12/04/2019	
<b>Total Attachments: 2</b>		
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**Assignment of Invention and Patent Application**

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

- 1) Jaemoon CHA of 129, Samsung-ro, Yeongtong-gu, Suwon-si,  
Gyeonggi-do 16677, Republic of Korea
- 2) Wonseob KIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si,  
Gyeonggi-do 16677, 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:

**METHOD FOR CONTROLLING ANTENNA CHARACTERISTICS AND AN ELECTRONIC DEVICE 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 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: Jaemoon CHA

  
Signature of inventor

Dated: 2019. 12. 3

WITNESSED: 

Name of Second Inventor: Wonseob KIM

  
Signature of inventor

Dated: 2019. 12. 3

WITNESSED: 