

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4696619

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WOOSUP LEE	11/09/2017
HYUNJEONG LEE	11/09/2017
BUMJIN CHO	11/09/2017
HONGIL KWON	11/09/2017
GAEUN LEE	11/09/2017
SOYOUNG LEE	11/13/2017
CHANGHO LEE	11/13/2017
CHIHYUN CHO	11/14/2017
JAEBONG CHUN	11/13/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>Street Address:</b>	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI
<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:	15817394
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(201)226-9246
<i>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.</i>	
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<b>Email:</b>	jeryl.bizzoco@chareiter.com
<b>Correspondent Name:</b>	CHA & REITER, LLC
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<b>ATTORNEY DOCKET NUMBER:</b>	5004-1-729
<b>NAME OF SUBMITTER:</b>	STEVE CHA
<b>SIGNATURE:</b>	/Steve Cha/

PATENT

<b>DATE SIGNED:</b>	11/20/2017
<b>Total Attachments: 3</b> source=5004-1-729_Assignment#page1.tif source=5004-1-729_Assignment#page2.tif source=5004-1-729_Assignment#page3.tif	

**Assignment of Invention and Patent Application**

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

- |                  |    |  |
|------------------|----|--|
| 1) Woosup LEE    | of | No. 106-2303, 15, Taejang-ro 71beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea          |
| 2) Hyunjeong LEE | of | No. 407-1102, 33, Dongtanwoncheon-ro 915beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
| 3) Bumjin CHO    | of | Suji-ro 112beon-gil, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea                                  |
| 4) Hongil KWON   | of | No. 215-1502, 87, Bojeong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea                      |
| 5) Gaeun LEE     | of | No. 506-1404, 35, Dongtanwoncheon-ro 881beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
| 6) Soyoung LEE   | of | No. 326-603, 12, Byeoryang-ro, Gwacheon-si, Gyeonggi-do, Republic of Korea                               |
| 7) Changho LEE   | of | No. 108-1601, 36, Gwongwang-ro 260beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea       |
| 8) Chihyun CHO   | of | No. 602-402, 11-22, Seocheondong-ro 21beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea    |
| 9) Jaebong CHUN  | of | No. 102-2104, 20, Maebong-ro, Yeongtong-gu, Suwon-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 INCLUDING ANTENNA**

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):**

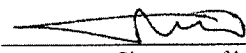
**Name of First Inventor: Woosup LEE**

  
Signature of inventor

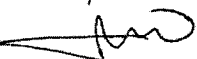
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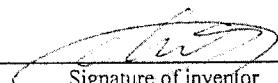
**Name of Second Inventor: Hyunjeong LEE**

  
Signature of inventor

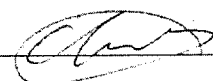
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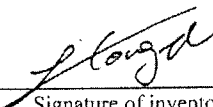
**Name of Third Inventor: Bumjin CHO**

  
Signature of inventor

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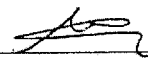
Name of Fourth Inventor: Hongil KWON

  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 09

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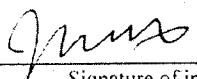
Name of Fifth Inventor: Gaeun LEE

  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 09

WITNESSED: 

Name of Sixth Inventor: Soyoung LEE

  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 13

WITNESSED: \_\_\_\_\_

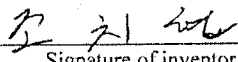
Name of Seventh Inventor: Changho LEE

Changho LEE  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 13

WITNESSED: \_\_\_\_\_

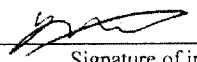
Name of Eighth Inventor: Chihyun CHO

  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 14

WITNESSED: \_\_\_\_\_

Name of Ninth Inventor: Jaebong CHUN

  
\_\_\_\_\_  
Signature of inventor

Dated: 2017. 11. 13

WITNESSED: \_\_\_\_\_