

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WOoyong Lee	02/10/2017
BEOMJOON KWON	02/13/2017
JAEOEL PARK	02/13/2017
JUNYOUNG PARK	02/13/2017
KIHUK LEE	02/13/2017
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<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.
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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>
<b>Application Number:</b>	15432079
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<b>NAME OF SUBMITTER:</b>	STEVE CHA
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<b>DATE SIGNED:</b>	02/14/2017
<b>Total Attachments: 3</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) Wooyong LEE of No. 906-103, 117, Byeongjeom 3-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea
- 2) Beomjoon KWON of No. 117-1601, 4-27, Yeongtong-ro 90beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 3) Jaeyoel PARK of No. 306, 9-34, Gokbanjeong-ro 65beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 4) Junyoung PARK of No. 335-1902, 334, Segwon-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 5) Kihuk LEE of No. 1006-2001, 45, Gwanggyohosugongwon-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 AND METHOD FOR CONTROLLING OPERATION 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: Wooyong LEE

Lee Wooyong  
Signature of inventor

Dated: 10 Feb. 2017

WITNESSED: Jinha CHUNG

Name of Second Inventor: Beomjoon KWON

Beomjoon Kwon  
Signature of inventor

Dated: 13. Feb. 2017

WITNESSED: Jinha CHUNG

Name of Third Inventor: Jaeyoel PARK

Jaeyoel Park  
Signature of inventor

Dated: 13. Feb. 2017

WITNESSED: Jinha CHUNG

Name of Fourth Inventor: Junyoung PARK

Junyoung Park  
Signature of inventor

Dated: 13. Feb. 2017

WITNESSED: Jinha CHUNG

Name of Fifth Inventor: Kihuk LEE

Kihuk Lee

Signature of inventor

Dated: 13. Feb. 2017

WITNESSED: Jinha CHUNG