

## 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>
DAE-CHUL KANG	12/22/2015
SOO-HYUNG KIM	12/22/2015
HYU-MYUNG JEON	12/22/2015
TAE-IL KIM	12/22/2015
JONG-KUI PARK	12/22/2015
<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>
<b>Application Number:</b>	14907376
<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>	
<b>Phone:</b>	201-226-9245
<b>Email:</b>	jeryl.bizzoco@chareiter.com
<b>Correspondent Name:</b>	CHA & REITER, LLC
<b>Address Line 1:</b>	17 ARCADIAN AVENUE
<b>Address Line 2:</b>	SUITE 208
<b>Address Line 4:</b>	PARAMUS, NEW JERSEY 07652
<b>ATTORNEY DOCKET NUMBER:</b>	4500-1-436
<b>NAME OF SUBMITTER:</b>	STEVE CHA
<b>SIGNATURE:</b>	/Steve Cha/
<b>DATE SIGNED:</b>	01/25/2016
<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) Dae-Chul KANG of #207-1804, 1076-9, Hyohaeng-ro, Hwaseong-si, Gyeonggi-do 445-779, Republic of Korea
- 2) Soo-Hyung KIM of #111-1203, 277, Dongtanbanseok-ro, Hwaseong-si, Gyeonggi-do 445-853, Republic of Korea
- 3) Hyu-Myung JEON of #139-403, 7-6, Naejeong-ro 166beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do 463-727, Republic of Korea
- 4) Tae-II KIM of #105-904, 323, Suji-ro, Suji-gu, Yongin-si, Gyeonggi-do 448-784, Republic of Korea
- 5) Jong-Kui PARK of #235-1801, 11, Bongyeong-ro 1744beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-817, 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, 443-742**  
**REPUBLIC OF KOREA**

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

**USER DEVICE AND OPERATING METHOD THEREFOR**

invented by **Assignor**; the application for United States patent therefor, 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. **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 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:** Dae-Chul KANG

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

Dated: 2015. 12. 22

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

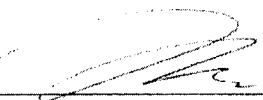
**Name of Second Inventor:** Soo-Hyung KIM

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

Dated: 2015. 12. 22

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

**Name of Third Inventor:** Hyu-Myung JEON

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

Dated: 2015. 12. 22

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

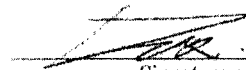
**Name of Fourth Inventor:** Tae-II KIM

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

Dated: 2015. 12. 22

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

Name of Fifth Inventor: Jong-Kui PARK

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

Dated: 2015. 12. 22.

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