

# 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>									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>SUNG-WANG KIM</td><td>09/04/2015</td></tr><tr><td>JOON-WON PARK</td><td>09/04/2015</td></tr><tr><td>YUN-HONG CHOI</td><td>09/04/2015</td></tr></tbody></table>	Name	Execution Date	SUNG-WANG KIM	09/04/2015	JOON-WON PARK	09/04/2015	YUN-HONG CHOI	09/04/2015	
Name	Execution Date								
SUNG-WANG KIM	09/04/2015								
JOON-WON PARK	09/04/2015								
YUN-HONG CHOI	09/04/2015								
<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>									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14852714</td></tr></tbody></table>	Property Type	Number	Application Number:	14852714					
Property Type	Number								
Application Number:	14852714								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(201)226-9246								
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<b>ATTORNEY DOCKET NUMBER:</b>	4500-1-406								
<b>NAME OF SUBMITTER:</b>	STEVE CHA								
<b>SIGNATURE:</b>	/Steve Cha/								
<b>DATE SIGNED:</b>	09/14/2015								
<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) Sung-Wang KIM of #201, 47, Gwancheon-ro 12-gil, Gwanak-gu, Seoul, Republic of Korea
- 2) Joon-Won PARK of #204-302, 53, Deogyong-daero 2077beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 3) Yun-Hong CHOI of #102-509, 106, Gyeongang-ro, Gwangju-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 as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

#### **METHOD AND APPARATUS FOR GENERATING PREVIEW DATA**

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: Sung-Wang KIM**      Sung-wang KIM  
Signature of inventor  
Dated: Sep 4 2015  
WITNESSED: Doak

**Name of Second Inventor: Joon-Won PARK**      Joon-won Park  
Signature of inventor  
Dated: Sep 4 2015  
WITNESSED: Doak

**Name of Third Inventor: Yun-Hong CHOI**      Yun-Hong CHOI  
Signature of inventor  
Dated: Sep 4 2015  
WITNESSED: Doak