

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jong-Min KIM</td> <td>10/12/2012</td> </tr> <tr> <td>Tae-Wook KWON</td> <td>10/12/2012</td> </tr> <tr> <td>Sang-Ho HONG</td> <td>10/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jong-Min KIM	10/12/2012	Tae-Wook KWON	10/12/2012	Sang-Ho HONG	10/12/2012
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu, Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13650834</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13650834				
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CORRESPONDENCE DATA									
<p>Fax Number: 2012269246  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 201-226-9245        Email: jeryl.bizzoco@chareiter.com        Correspondent Name: Cha &amp; Reiter, LLC        Address Line 1: 17 Arcadian Avenue        Address Line 2: Suite 208        Address Line 4: Paramus, NEW JERSEY 07652</p>									
ATTORNEY DOCKET NUMBER:	5000-1-1497								
NAME OF SUBMITTER:	Steve Cha								
<p>Total Attachments: 2        source=5000-1-1497_Assignment#page1.tif        source=5000-1-1497_Assignment#page2.tif</p>									

CH \$40.00 13650834

**Assignment of Invention and Patent Application**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Jong-Min KIM of  
#104-204, Daehan Daewoo APT., Maesanno 2-ga, Paldal-gu, Suwon-si,  
Gyeonggi-do, Republic of Korea
- 2) Tae-Wook KWON of  
#402, 517-5, Gokbanjeong-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do,  
Republic of Korea
- 3) Sang-Ho HONG of  
#108-1002, Hansol APT., Gokbanjeong-dong, Gwonseon-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, Yeongrong-gu, Suwon-si, Gyeonggi-do, 443-742,  
**REPUBLIC OF KOREA**

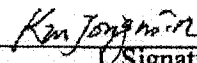
(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. §1.00, in and to the invention entitled as:

**DEVICE FOR IMPROVING ANTENNA RECEIVING SENSITIVITY IN PORTABLE  
TERMINAL**

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: Jong-Min KIM**

  
Signature of inventor

Dated: Oct. 12, 2012

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

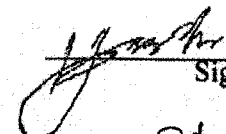
**Name of Second Inventor: Tae-Wook KWON**

  
Signature of inventor

Dated: Oct. 12, 2012

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

**Name of Third Inventor: Sang-Ho HONG**

  
Signature of inventor

Dated: Oct. 12, 2012

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