

## 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>Si-hyun PARK</td> <td>12/13/2011</td> </tr> <tr> <td>Seung-seop SHIM</td> <td>12/14/2011</td> </tr> <tr> <td>Deok-nam KIM</td> <td>12/13/2011</td> </tr> <tr> <td>Sang-u SHIM</td> <td>12/14/2011</td> </tr> <tr> <td>Yun-seoph KIM</td> <td>12/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Si-hyun PARK	12/13/2011	Seung-seop SHIM	12/14/2011	Deok-nam KIM	12/13/2011	Sang-u SHIM	12/14/2011	Yun-seoph KIM	12/14/2011
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RECEIVING PARTY DATA													
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416, Maetan-dong, Yeongtong-gu,												
Internal Address:	Gyeonggi-do												
City:	Suwon-si												
State/Country:	REPUBLIC OF KOREA												
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>13353709</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13353709								
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Application Number:	13353709												
CORRESPONDENCE DATA													
Fax Number:	(202)293-7860												
Phone:	202-293-7060												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	SUGHRUE MION, PLLC												
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.												
Address Line 2:	SUITE 800												
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037												
ATTORNEY DOCKET NUMBER:	Q126919												
NAME OF SUBMITTER:	Jeffrey Heller - Teams Department												
Total Attachments: 1 source=ASSIGNMENT_TO_BE_FILED#page1.tif													

OP \$40.00 13353709

PATENT

## Assignment

Whereas, We, Si-hyun PARK of Suwon-si, Republic of Korea; Seung-seop SHIM of Anyang-si, Republic of Korea; Deok-nam KIM of Suwon-si, Republic of Korea; Sang-u SHIM of Hwaseong-si, Republic of Korea; and Yun-seoph KIM of Incheon, Republic of Korea, hereinafter called assignors, have invented certain improvements in WIRELESS COMMUNICATION APPARATUS AND CONTROL METHOD THEREOF and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, Republic of, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number and filing date of said application when known.

Date: Si-hyun Park Dec. 13, 2011  
s/Si-hyun PARK

Date: Seung-seop SHIM Dec. 14, 2011  
s/Seung-seop SHIM

Date: Deok-nam KIM Dec. 13, 2011  
s/Deok-nam KIM

Date: Sang-u SHIM Dec. 14, 2011  
s/Sang-u SHIM

Date: Yun-seoph Kim Dec. 14, 2011  
s/Yun-seoph KIM

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

**PATENT**