

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>Young Seob CHOI</td> <td>01/19/2012</td> </tr> <tr> <td>Hak Seong KIM</td> <td>10/25/2011</td> </tr> <tr> <td>Han Byul SEO</td> <td>10/25/2011</td> </tr> <tr> <td>Ki Jun KIM</td> <td>10/25/2011</td> </tr> <tr> <td>Dae Won LEE</td> <td>11/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Young Seob CHOI	01/19/2012	Hak Seong KIM	10/25/2011	Han Byul SEO	10/25/2011	Ki Jun KIM	10/25/2011	Dae Won LEE	11/01/2011
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Dae Won LEE	11/01/2011												
RECEIVING PARTY DATA													
Name:	LG ELECTRONICS INC.												
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu												
City:	Seoul												
State/Country:	REPUBLIC OF KOREA												
Postal Code:	150-721												
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>13386020</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13386020								
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CORRESPONDENCE DATA													
Fax Number:	(213)623-2211												
Phone:	213-623-2221												
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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:	LEE, HONG, DEGERMAN, KANG & WAIMEY												
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Address Line 2:	Suite 2300												
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ATTORNEY DOCKET NUMBER:	4204												
NAME OF SUBMITTER:	Harry S. Lee												

OP \$40.00 13386020

Total Attachments: 6

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ASSIGNMENT

- (1-8) *Insert Name(s) of Inventor(s)*
- (1) CHOI, Young Seob
 (2) KIM, Hak Seong
 (3) SEO, Han Byul
 (4) KIM, KI Jun
 (5) LEE, Dae Won

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (9) *Insert name of Assignee* (9) **LG ELECTRONICS INC.**
 (10) *Insert state of Incorporation of Assignee* (10) **Korea**
 (11) *Insert address of Assignee* (11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Korea (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
 (12) *Insert identification of Invention, such as Title, Case Number or Foreign Application Number* (12) **APPARATUS AND METHOD FOR TRANSMITTING CHANNEL STATE INFORMATION IN A WIRELESS COMMUNICATION SYSTEM**
 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
 (13) *Insert Date of Signing of Application* (13)

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

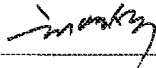
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints **the Attorneys associated with Customer No. 035884** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

10FCCM448US02

1) Date: Jan. 19, 2012 Signature of Inventor 

2) Date: _____ Signature of Inventor _____

3) Date: _____ Signature of Inventor _____

4) Date: _____ Signature of Inventor _____

5) Date: _____ Signature of Inventor _____

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1) Date: _____ Signature of Inventor _____

2) Date: 2011. 10. 25 Signature of Inventor 김학영

3) Date: 2011. 10. 25 Signature of Inventor Ahyul Seo

4) Date: 2011. 10. 25 Signature of Inventor 김기호

5) Date: _____ Signature of Inventor _____

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3) Date: _____ Signature of Inventor _____

4) Date: _____ Signature of Inventor _____

5) Date: Nov 1, 2011 Signature of Inventor  _____