

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the city of the receiving party LG ELECTRONICS INC. previously recorded on Reel 026259 Frame 0128. Assignor(s) hereby confirms the the correct city of the receiving party is SEOUL.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DAEWON LEE</td> <td>04/25/2011</td> </tr> <tr> <td>YOUNG WOO YUN</td> <td>04/25/2011</td> </tr> <tr> <td>YUJIN NOH</td> <td>04/25/2011</td> </tr> <tr> <td>BONGHOE KIM</td> <td>04/26/2011</td> </tr> <tr> <td>KI JUN KIM</td> <td>04/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	DAEWON LEE	04/25/2011	YOUNG WOO YUN	04/25/2011	YUJIN NOH	04/25/2011	BONGHOE KIM	04/26/2011	KI JUN KIM	04/25/2011
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KI JUN KIM	04/25/2011												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>LG ELECTRONICS INC.</td> </tr> <tr> <td>Street Address:</td> <td>20 YEOUIDO-DONG, YEONGDEUNGPO-GU</td> </tr> <tr> <td>City:</td> <td>SEOUL</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG ELECTRONICS INC.	Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU	City:	SEOUL	State/Country:	KOREA, REPUBLIC OF	Postal Code:	150-721		
Name:	LG ELECTRONICS INC.												
Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU												
City:	SEOUL												
State/Country:	KOREA, REPUBLIC OF												
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>13128633</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13128633								
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Application Number:	13128633												
CORRESPONDENCE DATA													
<p>Fax Number: 2136232211 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2136232221 Email: MAIL_PATENT@LHLAW.COM Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY Address Line 1: 660 SOUTH FIGUEROA STREET SUITE 2300 Address Line 4: SEOUL, CALIFORNIA 90017</p>													
ATTORNEY DOCKET NUMBER:	2101-3983												
NAME OF SUBMITTER:	NORMAN T. LEE												

PATENT

Signature:	/NORMAN T. LEE/
Date:	06/21/2013
Total Attachments: 8 source=2101-3983 Assignment Confirmation#page1.tif source=2101-3983 Assignment Confirmation#page2.tif source=2101-3983 NOR Marked Up#page1.tif source=2101-3983 NOR Marked Up#page2.tif source=2101-3983-Assignment#page1.tif source=2101-3983-Assignment#page2.tif source=2101-3983-Assignment#page3.tif source=2101-3983-Assignment#page4.tif	

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daewon LEE	04/25/2011
Young Woo YUN	04/25/2011
Yujin NOH	04/25/2011
Bonghoe KIM	04/26/2011
Ki Jun KIM	04/25/2011
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Los Angeles
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13128633
CORRESPONDENCE DATA	
Fax Number:	(213)623-2211
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	213-623-2221
Email:	patent@lhlaw.com
Correspondent Name:	LEE, HONG, DEGERMAN, KANG & WAIMEY
Address Line 1:	660 S. FIGUEROA STREET
Address Line 2:	Suite 2300

PATENT

Address Line 4: LOS ANGELES, CALIFORNIA 90017	
ATTORNEY DOCKET NUMBER:	2101-3983
NAME OF SUBMITTER:	Harry S. Lee
Signature:	/Harry S. Lee/
Date:	05/11/2011
Total Attachments: 4 source=2101-3983-Assignment#page1.tif source=2101-3983-Assignment#page2.tif source=2101-3983-Assignment#page3.tif source=2101-3983-Assignment#page4.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT1555232
Receipt Date:	05/11/2011
Fee Amount:	\$40

PATENT

ASSIGNMENT

- | | | |
|--|--------------------|-----------------|
| (1-8) <i>Insert Name(s) of Inventor(s)</i> | (1) LEE, Daewon | (5) KIM, Ki Jun |
| | (2) YUN, Young Woo | (6) |
| | (3) NOH, Yujin | (7) |
| | (4) KIM, Bonghoe | (8) |

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) <i>Insert name of Assignee</i> | (9) LG ELECTRONICS INC. |
| (10) <i>Insert state of Incorporation of Assignee</i> | (10) Korea |
| (11) <i>Insert address of Assignee</i> | (11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721
Seoul, Korea |

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

- | | |
|--|---|
| (12) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i> | (12) METHOD FOR TRANSMITTING AND RECEIVING UPLINK REFERENCE SIGNAL IN A WIRELESS COMMUNICATION SYSTEM HAVING MULTIPLE ANTENNAS |
|--|---|

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.

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.

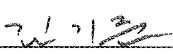
The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: April 25, 2011 Signature of Inventor: 

Date: April 25, 2011 Signature of Inventor: 

Date: _____ Signature of Inventor: _____

Date: 2011. 4. 26 Signature of Inventor: 

Date: April 28, 2011 Signature of Inventor: 

Date: _____ Signature of Inventor: _____

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|--|--------------------|-----------------|
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Date: Apr. 25, 2011 Signature of Inventor 

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

