

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong Cheol Kim</td> <td>01/05/2010</td> </tr> <tr> <td>Han Gyu Cho</td> <td>01/05/2010</td> </tr> <tr> <td>Wook Bong Lee</td> <td>01/05/2010</td> </tr> <tr> <td>Jin Soo Choi</td> <td>01/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Dong Cheol Kim	01/05/2010	Han Gyu Cho	01/05/2010	Wook Bong Lee	01/05/2010	Jin Soo Choi	01/05/2010
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Han Gyu Cho	01/05/2010										
Wook Bong Lee	01/05/2010										
Jin Soo Choi	01/05/2010										
<b>RECEIVING PARTY DATA</b>											
Name:	LG Electronics Inc.										
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu										
City:	Seoul										
State/Country:	REPUBLIC OF KOREA										
Postal Code:	150-721										
<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>12683275</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12683275						
Property Type	Number										
Application Number:	12683275										
<b>CORRESPONDENCE DATA</b>											
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:	uspto@lhlaw.com										
Correspondent Name:	LEE, HONG, DEGERMAN, KANG & WAIMEY										
Address Line 1:	660 S. FIGUEROA STREET										
Address Line 2:	Suite 2300										
Address Line 4:	LOS ANGELES, CALIFORNIA 90017										
ATTORNEY DOCKET NUMBER:	2101-3753										
NAME OF SUBMITTER:	Harry S. Lee										
Total Attachments: 2											

CH \$40.00 12683275

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**PATENT  
 REEL: 023744 FRAME: 0285**

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**ASSIGNMENT**

- |  |                    |     |
|--|--------------------|-----|
| (1-8) <i>Insert Name(s) of Inventor(s)</i> | (1) Dong Cheol KIM | (5) |
|  | (2) Han Gyu CHO    | (6) |
|  | (3) Wook Bong LEE  | (7) |
|  | (4) Jin Soo CHOI   | (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) <b>LG ELECTRONICS INC.</b>                               |
| (10) <i>Insert state of Incorporation of Assignee</i> | (10) <b>Korea</b>  |
| (11) <i>Insert address of Assignee</i>                | (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) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i> | (12) <b>METHOD AND APPRATUS FOR TRANSMITTING PILOT IN A WIRELESS COMMUNICATION SYSTEM</b> |
|--|---|

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) <i>Insert Date of Signing of Application</i> | (13) January 5, 2010 |
|---|----------------------|

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.

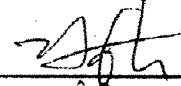
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

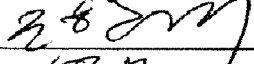
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

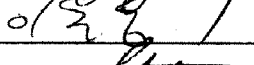
4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

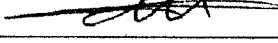
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby 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: Jan. 05, 2010 Signature of Inventor: 

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Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_

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