

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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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>Moon Il LEE</td> <td>08/18/2011</td> </tr> <tr> <td>Wook Bong LEE</td> <td>08/09/2011</td> </tr> <tr> <td>Ja Ho KOO</td> <td>08/17/2011</td> </tr> <tr> <td>Hyun Soo KO</td> <td>08/09/2011</td> </tr> <tr> <td>Jae Hoon CHUNG</td> <td>08/09/2011</td> </tr> <tr> <td>Bin Chul IHM</td> <td>08/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Moon Il LEE	08/18/2011	Wook Bong LEE	08/09/2011	Ja Ho KOO	08/17/2011	Hyun Soo KO	08/09/2011	Jae Hoon CHUNG	08/09/2011	Bin Chul IHM	08/09/2011
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Bin Chul IHM	08/09/2011														
<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>13202563</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13202563										
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<b>CORRESPONDENCE DATA</b>															
Fax Number:	(213)623-2211														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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OP \$40.00 13202563

**501632726**

**PATENT  
 REEL: 026780 FRAME: 0891**

NAME OF SUBMITTER:

Harry S. Lee

Total Attachments: 2

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**ASSIGNMENT**

- |  |                    |                     |
|--|--------------------|---------------------|
| (1-8) <i>Insert Name(s) of Inventor(s)</i> | (1) LEE, Moon Il   | (4) KO, Hyun Seo    |
|  | (2) LEE, Wook Bong | (5) CHUNG, Jae Hoon |
|  | (3) KOO, Ja Ho     | (6) IHM, Bin Chul   |

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) METHOD FOR GENERATING DOWNLINK SIGNAL IN DOWNLINK MIMO 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) <i>Insert Date of Signing of Application</i> | (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.

Date: Aug. 18, 2011 Signature of Inventor: [Signature]  
Date: Aug 9th 2011 Signature of Inventor: [Signature]  
Date: Aug 17th 2011 Signature of Inventor: [Signature]  
Date: Aug. 9th 2011. Signature of Inventor: [Signature]  
Date: Aug. 8th, 2011 Signature of Inventor: [Signature]  
Date: Aug 8, 2011 Signature of Inventor: [Signature]

