

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Dong Guk LIM</td> <td>03/15/2012</td> </tr> <tr> <td>Jin Sam KWAK</td> <td>03/15/2012</td> </tr> <tr> <td>Han Gyu CHO</td> <td>03/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dong Guk LIM	03/15/2012	Jin Sam KWAK	03/15/2012	Han Gyu CHO	03/15/2012
Name	Execution Date								
Dong Guk LIM	03/15/2012								
Jin Sam KWAK	03/15/2012								
Han Gyu CHO	03/15/2012								
RECEIVING PARTY DATA									
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>13503638</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13503638				
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Application Number:	13503638								
CORRESPONDENCE DATA									
Fax Number:	(213)623-2211								
Phone:	213-623-2221								
Email:	patent@hlaw.com								
<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								
Address Line 1:	660 S. FIGUEROA STREET								
Address Line 2:	Suite 2300								
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ATTORNEY DOCKET NUMBER:	2101-5246								
NAME OF SUBMITTER:	Harry S. Lee								
Total Attachments: 2 source=2101-5246-Assignment#page1.tif source=2101-5246-Assignment#page2.tif									

OP \$40.00 13503638

ASSIGNMENT

- (1-8) *Insert Name(s) of Inventor(s)* (1) LIM, Dong Guk
 (2) KWAK, Jin Sam
 (3) CHO, Han Gyu
 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 FOR TRANSMITTING AND RECEIVING DOWNLINK HARQ FEEDBACK AND ITS METHOD
 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.

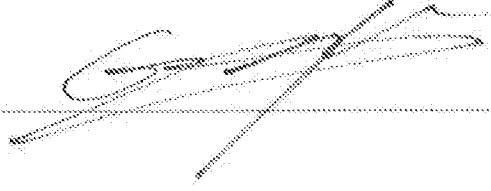
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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.

1) Date: Mar 12 2012 Signature of Inventor 

2) Date: Mar 15th 2012 Signature of Inventor 

3) Date: Mar 16th 2012 Signature of Inventor 