

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the second inventor's last name previously recorded on Reel 023942 Frame 0978. Assignor(s) hereby confirms the second inventor's last name is IHM instead of KIM.										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jae Wan KIM</td> <td>02/11/2010</td> </tr> <tr> <td>Bin Chul IHM</td> <td>01/20/2010</td> </tr> <tr> <td>Jin Hyuk JUNG</td> <td>02/11/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jae Wan KIM	02/11/2010	Bin Chul IHM	01/20/2010	Jin Hyuk JUNG	02/11/2010		
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Jae Wan KIM	02/11/2010										
Bin Chul IHM	01/20/2010										
Jin Hyuk JUNG	02/11/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
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PROPERTY NUMBERS Total: 1											
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Application Number:	12673749										
CORRESPONDENCE DATA											
<p>Fax Number: (213)623-2211 Phone: 213-623-2221 Email: patent@lhlaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>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</p>											
ATTORNEY DOCKET NUMBER:	2101-3774										
NAME OF SUBMITTER:	Harry S. Lee										

OP \$40.00 12673749

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PATENT
 REEL: 028158 FRAME: 0684

Total Attachments: 8

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PATENT

REEL: 028158 FRAME: 0685



Confirmation Receipt

PATENT ASSIGNMENT

SUBMISSION TYPE:

NATURE OF CONVEYANCE:

CONVEYING PARTY DATA

Name	Execution Date
Jae Wan Kim	02/11/2010
Bin Chul Kim	01/20/2010
Jin Hyuk Jung	02/11/2010

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

Property Type	Number
Application Number:	12673749

CORRESPONDENCE DATA

Fax Number: (213)623-2211
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 213-623-2221

PATENT

REEL: 028158 FRAME: 0686

Email:	uspto@hlaw.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:	2101-3774
NAME OF SUBMITTER:	Harry S. Lee
Signature:	/Harry S. Lee/
Date:	02/16/2010

Total Attachments: 6
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RECEIPT INFORMATION

EPAS ID: PAT1115750
Receipt Date: 02/16/2010
Fee Amount: \$40

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ASSIGNMENT

(1-8) *Insert Name(s) of
Inventor(s)*

(1) **Jae Wan KIM** (5)
(2) **Bin Chul IHM** (6)
(3) **Jin Hyuk JUNG** (7)
(4) (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) *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,
Republic of 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) **METHOD FOR FEEDBACK AND METHOD FOR CONFIGURING A
CODEBOOK IN MULTI-ANTENNA 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) **February 11, 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.

1) Date: _____ Signature of Inventor _____

2) Date: _____ Signature of Inventor _____

3) Date: 11. Feb. 2010 Signature of Inventor Jung

ASSIGNMENT

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1) Date: Feb. 11, 2010 Signature of Inventor 

2) Date: _____ Signature of Inventor _____

3) Date: _____ Signature of Inventor _____

4) Date: _____ Signature of Inventor _____

5) Date: _____ Signature of Inventor _____

6) Date: _____ Signature of Inventor  LA Electronics

7) Date: _____ Signature of Inventor _____

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(13) *Insert Date of Signing of Application*

(13) January 20, 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.

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1) Date: _____ Signature of Inventor _____

2) Date: Jan 20, 2010 Signature of Inventor al el 22

3) Date: _____ Signature of Inventor _____