502435630 07/26/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wook Bong LEE	11/07/2010
Jin Young CHUN	11/03/2010
Han Gyu CHO	11/03/2010
Jin Soo CHOI	11/03/2010
Bin Chul IHM	11/03/2010

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

Property Type	Number
Application Number:	13952074

CORRESPONDENCE DATA

Fax Number: 2136232211

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	2101-3894C1
NAME OF SUBMITTER:	Jeffrey J. Lotspeich, Esq.
	PATENT

REEL: 030885 FRAME: 0437

\$40.00 13952074

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Signature:	/Jeffrey Lotspeich/
Date:	07/26/2013
Total Attachments: 4 source=2101-3894C1-Assignment#page1.tif source=2101-3894C1-Assignment#page2.tif source=2101-3894C1-Assignment#page3.tif source=2101-3894C1-Assignment#page4.tif	

PATENT REEL: 030885 FRAME: 0438

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) LEE, Wook Bong (5) IHM, Bin Chul

(2) CHUN, Jin Young (6) (3) CHO, Han Gyu (7) (4) CHOI, Jin Soo (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) Republic of Korea

(11) Insert address of Assignee

(11) 20 Yeouido-dong Yeoungdeungpo-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 AND APPARATUS OF DOWNLINK SUBCHANNELIZATION IN WIRELESS COMMUNICATION SYSTEM

(Application Serial No.

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.

Date	3 Nov 2010	Signature of Inventor
Date.	мф/ф000/ф-изд00и/физиаргананананананананананан	Signature of Inventor
Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Signature of Inventor
Date	Announcement	Signature of inventor
Data		Company of Manager

ASSIGNMENT

(5) IHM, Bin Chul (1-8) Insert Name(s) of Inventor(s) (1) LEE, Wook Bong

> (6)(2) CHUN, Jin Young (7)(3) CHO, Han Gyu (8)(4) CHOI, Jin Soo

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

Insert name of Assignee (9)

(10)

(9) LG ELECTRONICS INC. Insert state of Incorporation of (10) Republic of Korea

(11) Insert address of Assignee

Assignee

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

(11) 20 Yeouido-dong Yeoungdeungpo-gu Seoul 150-721 Republic of Korea

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Date	Signature of inventor
Date 3. Nov. 2010	Signature of Inventor
Date: 3. Nov. 2010	Signature of Inventor
Date. 3. Nov . 30 100	Signature of Inventor
Date 3. Nov Joto	Signature of Inventor CUVI