12/11/2015 503608756

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3655387

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAKSEONG KIM	11/17/2015
YOUNGWOO YUN	12/03/2015
DAEWON LEE	10/26/2015
JOONKUI AHN	11/27/2015
BONGHOE KIM	12/01/2015
KIJUN KIM	11/27/2015

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:	14318292

CORRESPONDENCE DATA

Fax Number: (213)623-2211

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2136232221

Email: PATENT@LHLAW.COM

LEE, HONG, DEGERMAN, KANG & WAIMEY **Correspondent Name:** 660 SOUTH FIGUEROA STREET SUITE 2300 Address Line 1:

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2101-3690C1C1C1
NAME OF SUBMITTER:	HARRY S. LEE
SIGNATURE:	/Harry S. Lee/
DATE SIGNED:	12/11/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6 source=2101-3690C1C1C1_assignment#page1.tif source=2101-3690C1C1C1_assignment#page2.tif source=2101-3690C1C1C1_assignment#page3.tif source=2101-3690C1C1C1_assignment#page4.tif source=2101-3690C1C1C1_assignment#page5.tif

source=2101-3690C1C1C1_assignment#page6.tif

ASSIGNMENT

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

(1) Hakseong Kim

(5) Bonghoe Kim

(2) Youngwoo Yun

(6) Kijun Kim

(3) Daewon Lee

(7)

(4) Joonkui Ahn

(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, Yeongdeungpo-gu, Seoul, 150-721, Republic of

(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 TRANSMITTING SCHEDULING REQUEST IN WIRELESS COMMUNICATION SYSTEM

Application No.: 14/318,292

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.

- 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.

09FCCM092US01C1C1C1

Date:	1/11/2015	Signature of Inventor (1) 72 3 Ad
Date:		Signature of Inventor (2)
Date:		Signature of Inventor (3)
Date:		Signature of Inventor (4)
Date:		Signature of Inventor (5)
Date [.]		Signature of Inventor (6)

A 40 1 7 1 1

ASSIGNMENT

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

(1) Hakseong Kim

(5) Bonghoe Kim

(2) Youngwoo Yun

(6) Kijun Kim

(3) Daewon Lee

(7)

(4) Joonkui Ahn

(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, 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 AND APPARATUS OF TRANSMITTING SCHEDULING REQUEST IN WIRELESS COMMUNICATION SYSTEM

Application No.: 14/318,292

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.

- 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.

09FCCM092US01C1C1C1

Date:	Signature of Inventor (1)
	Signature of Inventor (2)
Date:	Signature of Inventor (3)
	Signature of Inventor (4)
	Signature of Inventor (4) Signature of Inventor (5)
	Signature of Inventor (6) 3/3/4

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) Hakseong Kim (5) Bonghoe Kim (2) Youngwoo Yun (6) Kijun Kim

(3) Daewon Lee (7) (4) Joonkui Ahn (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
- (10) Insert state of Incorporation of Assignee
- (9) LG Electronics Inc.
- (10) Republic of 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 AND APPARATUS OF TRANSMITTING SCHEDULING REQUEST IN WIRELESS COMMUNICATION SYSTEM

Application No.: 14/318,292

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.

- 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.

09FCCM092US01C1C1C1

Date:	Signature of Inventor (1)
Date:	Signature of Inventor (2)
Date: Oct 26, 2015	Signature of Inventor (3) Laewon Lee
Date:	Signature of Inventor (4)
- ·	
Date:	Signature of Inventor (5)
Date:	Signature of Inventor (6)

PATENT REEL: 037276 FRAME: 0449

RECORDED: 12/11/2015