503277083 04/23/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	TA		
		Name	Execution Date
BYEONG WOO KANG			12/03/2010
DONG WOOK ROH			12/03/2010
YONG HO SEOK			12/03/2010
YU JIN NOH			12/07/2010
BONG HOE KIM			12/03/2010
DAE WON LEE			12/03/2010
RECEIVING PARTY DAT	ГА		
Name:	LG ELEC	CTRONICS INC.	
Street Address:	20, YEO	UIDO-DONG, YEOUNGDEUNGPO-GI	J
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	150-721		
PROPERTY NUMBERS	Total: 1	Number	
		Number 4694346	
Application Number:	1		
Property Type Application Number:	1. ATA	4694346	
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Total Attachments: 6

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ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) KANG, Byeong Woo (2) ROH, Dong Wook (3) Seok, Yong Ho	(5) KIM, Bong Hoe (6) LEE, Dae Won (7)
		(4) NOH, Yu Jin	(8)
			ne dollar (\$1.00) and other good and valuable undersigned, the undersigned agree(s) to assign, id 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 Yeoungdeu	ngpo-gu Seoul 150-721 Republic of Korea
		(hereinafter designated as the Assig in the invention known as	nee) the entire worldwide right, title and interest
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12) METHOD AND APPARAT WIRELESS LOCAL AREA NETWO	US OF TRANSMITTING TRAINING SIGNAL IN ORK SYSTEM
		(Application Serial No. for which the undersigned has (have States of America and all patent app thereto or based thereon.) e) executed an application for patent in the United plications in foreign countries corresponding
(13)	Insert Date of Signing of Application	(13)	n an an Araban ann an Araban a Araban an Araban an A Araban an Araban an Ar
	 The understand care 	o/o) to oversuite all peners personant.	in connection with any original relative divisional

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 Attorney's 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.

PATENT REEL: 035481 FRAME: 0522

		۱
Date:	2010.12.03	Signature of Inventor
Date:		Signature of Inventor
Date:	2010 . 12.03 .	Signature of Inventor
Date:	·····	Signature of Inventor
Date:	2010-12-3	Signature of Inventor 2092
Date:	2010, 12.03	Signature of Inventor

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) KANG, Byeong Woo	(5) KIM, Bong Hoe
		(2) ROH, Dong Wook	(6) LEE, Dae Won
		(3) Seok, Yong Ho	(7)
		(4) NOH, Yu Jin	(8)

(9)

(13)

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) Republic of Korea

LG ELECTRONICS INC.

- (10) Insert state of Incorporation of Assignee
- (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 TRANSMITTING TRAINING SIGNAL IN WIRELESS LOCAL AREA NETWORK 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

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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PATENT REEL: 035481 FRAME: 0524

1

Date:	Signature of Inventor
Date: Dec 3, 2010	Signature of Inventor Doug outerla Reh
Date:	Signature of Inventor

PATENT REEL: 035481 FRAME: 0525

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) KANG, Byeong Woo	(5) KIM, Bong Hoe
		(2) ROH, Dong Wook	(6) LEE, Dae Won
		(3) Seok, Yong Ho	(7)
		(4) NOH, Yu Jin	(8)

(9)

(13)

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(9) Insert name of Assignee

(11) Insert address of Assignee

Assignee

(10)

Insert state of Incorporation of

(10) Republic of Korea

LG ELECTRONICS INC.

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

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PATENT REEL: 035481 FRAME: 0526

Date:	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor
Date: Dec. 7. 2010	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor



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