504128355 12/07/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG WOOK ROH	03/15/2013
BYEONG WOO KANG	03/22/2013
DAE WON LEE	03/18/2013
YONG HO SEOK	03/18/2013

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:	15372136			

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: 213-623-2221

Email: PATENT@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:	2101-5463C1C1
NAME OF SUBMITTER:	MICHAEL E. MONACO
SIGNATURE:	/Michael Monaco/
DATE SIGNED:	12/07/2016

Total Attachments: 6

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PATENT 504128355 REEL: 040845 FRAME: 0267

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source=2101-5463C1C1-ParentAssignment#page6.tif

PATENT REEL: 040845 FRAME: 0268

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) ROH, Dong Wook	(6)
		(2) KANG, Byeong Woo	(6)
		(3) LEE, Dae Won	(7)
		(4) SEOK, Yang Ho	(6)
			of one dollar (\$1.00) and other good and valuable the undersigned, the undersigned agree(s) to assign for 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, Yeour	ngdeungpo-gu, Seoul 150-721 Republic of Korea
		(hereinafter designated as the in the invention known as	Assignee) the entire worldwide right, title and interest
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12) METHOD AND APPARA WIRELESS LAN SYSTEM	TUS FOR TRANSCEIVING A DATA FRAME IN A
) (have) executed an application for patent in the United of applications in foreign countries corresponding
(13)	Insert Date of Signing of Application	(13)	
	1) The undersioned area	of a language of the constant	sancio comaction with any minimal mice as division

- 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.
- 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: <u>////////30/3</u>	Signature of Inventor Dongwood Poly
Date:	Signature of Inventor
Date:	Signature of Inventor
Date	Signature of Inventor

3

			ASSIGNN	IENT			
(1-8)	Insert Name(s) of Inver	ntor(s)	(1) ROH, Dong Wook		(5)		
			(2) KANG, Byeong Woo		(6)		
			(3) LEE, Dae Won;		(7)		
			(4) SEOK, Yong Ho		(8)		
(9)	Insert name of Assigns	ę	In consideration of the considerations paid to ea and hereby does assign, (9) LG ELECTRONICS	ach of the transfer a	undersigned, th	00) and other in a undersigned	good and valuable agree(s) to assign,
(10)	insert state of Incorpora	ation of	(10) Republic of Korea				
(11)	Assignee Insert address of Assig	nee	(11) 20 Yeouido-dong,	Yeoungde	ungpo-gu, Seou	ıl 150-721 Repu	iblic of Korea
			(hereinafter designated a in the invention known a		gnee) the entire	worldwide righ	t, title and interest
(12)	Insert identification of Ir such as Title, Case Nur Foreign Application Nur	mber or	(12) METHOD AND APP WIRELESS LAN SYSTE		FOR TRANSCI	EIVING A DAT/	A FRAME IN A
	, , , , , , , , , , , , , , , , , , ,		(Application Serial No. for which the undersigne States of America and all thereto or based thereon	l patent ap			
(13)	Insert Date of Signing of Application	M .	(13)				
	continuing United State	s and fon	e(s) to execute all papers eign applications for the lications as the Assignes i	above-ide	entified invention	on and also to	il, reissue, divisional execute separate
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in cor	The undersinection with claims or pr	igned agree rovisions of	e(s) to execute all papers at the International Convent	and docum ion for Pro	ents and perfor tection of Indus	m any act whic trial Property or	h may be necessary similar agreements.
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said / intere	its of the United States i Assignee, as Assignee o st herein assigned, and i	resulting fro of the entire that he has	by authorize(s) and reques on said application or any interest, and hereby cov (they have) not executed	division or enants the any agree	r divisions or α it he has (they ment in conflict	ontinuing applic have) full right herewith	ations thereof to the to convey the entire
this a	issignment any further	identifica	 Attorneys Associate tion which may be nece tark Office for recordation 	ssary or o	desirable in on		
Date:		Signatur	e of Inventor				
Date:	03/20/3 حدد		e of Inventor		8-24-		
Date:		Signatur	e of Inventor				
Date:		Signatur	e of Inventor				

PATENT REEL: 040845 FRAME: 0271

ASSIGNMENT

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(1-8)	Insert Name(s) of Inventor(s)	(1) F	ROH, Dong Wook	(5)	
		(2) ł	(ANG, Byeong Woo	(6)	
		(3) L	.EE, Dae Won;	(7)	
		(4) \$	SEOK, Yong Ho	(8)	
		cons	onsideration of the sun siderations paid to each hereby does assign, tran	of the under	illar (\$1.00) and other good and valuable signed, the undersigned agree(s) to assign, over to
(9)	Insert name of Assignee	* *	LG ELECTRONICS IN	me: mi.	
(10)	Insert state of Incorporation of Assignee	(10)	Republic of Korea		
(11)	Insert address of Assignee	(11)	20 Yeouido-dong, Yeou	ungdeungpo	gu, Seoul 150-721 Republic of Korea
			einafter designated as the invention known as	e Assignee)	the entire worldwide right, title and interest
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number		METHOD AND APPARA ELESS LAN SYSTEM	ATUS FOR 1	FRANSCEIVING A DATA FRAME IN A
	, o. o.g.r r ppmdaor rvandor	for v Stat			cuted an application for patent in the United ons in foreign countries corresponding
(13)	Insert Date of Signing of Application	(13)			
	The undersigned agre continuing United States and fo nments in connection with such ap	reign	applications for the abo	ove-identified	nnection with any original, reissue, divisional invention and also to execute separate sary or expedient.
		continu	ation or division thereof		nnection with any interference which may be rate with the Assignee in every way possible
in cor					ind perform any act which may be necessary of Industrial Property or similar agreements
Unite	The undersigned agre d States patent to the Assignee.	e(s) to	perform all affirmative a	acts which m	ay be necessary to obtain a grant of a valid
said a interest The this a	nts of the United States resulting for Assignee, as Assignee of the enting test herein assigned, and that he ha undersigned hereby appoints the	rom sa e inter s (they le Atte ation v	id application or any divi est, and hereby covenar have) not executed any orneys Associated w which may be necessal	sion or divisi	ner No. 035884 the power to insert on ble in order to comply with the rules of
Date:	Signatu	re of Ir	ventor		
Date:	Signatu	re of Ir	ventor		
Date:	Mar 18, 2013 Signatu	re of Ir	ventor Domes		
Date:	Signatu	re of Ir	ventor		

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) ROH, Dong Wook (5)(2) KANG, Byeong Woo $\{6\}$ (3) LEE, Dae Won; (7) (4) SEOK, Yong Ho (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) LG ELECTRONICS INC. (9) Insert name of Assignee (10) Republic of Korea Insert state of Incorporation of Assignee (11) 20 Yeouido-dong, Yeoungdeungpo-gu, Seoul 150-721 Republic of Korea (11) Insert address of Assignee (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as (12) METHOD AND APPARATUS FOR TRANSCEIVING A DATA FRAME IN A (12) Insert identification of Invention, WIRELESS LAN SYSTEM such as Title, Case Number or

Foreign Application Number

(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)

- 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.
- . I., : 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
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the United States Patent and Trademark Office for recordation of this document.

% n

Date:	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor
Date: <u>2013/03/18</u>	Signature of Inventor

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PATENT REEL: 040845 FRAME: 0274