503591597 12/01/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3638227

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUN WOO LEE	01/28/2013
HYE YOUNG CHOI	01/28/2013
JAE HOON CHUNG	01/28/2013

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:	14956197	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2101-5431C1C1

NAME OF SUBMITTER: HARRY S. LEE

SIGNATURE: /Harry S. Lee/

DATE SIGNED: 12/01/2015

Total Attachments: 2

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PATENT 503591597 REEL: 037182 FRAME: 0970

ASSIGNMENT					
(1.83	Insert Name(s) of Invento	wele) (1))	.EE, Hyun Woo	(5)	
1, 4)	moore reaching or marying		HOI, Hye Young	(6)	
			HUNG, Jae Hoon	(7)	
		(4)	71 10140, date (1001)	(8)	
		(4)		1-7	
		cons	onsideration of the a iderations paid to eac hereby does assign, to	th 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	(9)	LG ELECTRONICS	INC.	
(10)	Insert state of Incorporati Assignee	on of (10)	Republic of Korea		
(11)	Insert address of Assigns	e (11)	20 Yeouida-dong, Ye	eonuādenuādo	gu, Seoul 150-721 Republic of Korea
	,		sinafter designated as e invention known as	the Assignee)	the entire worldwide right, title and interest
(12)	insert identification of Invi	ention (12)	METHOD AND AG	PARATILS F	or transmitteng data between
1 · ~y	such as Title, Case Numb Foreign Application Numb	per or him	WIRELEST DEVICES IN WIRELEST COMMUNICATION SYSTEM		
		for v Stat			cuted an application for patent in the United ons in foreign countries corresponding
(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.					
		ition or continu	ation or division there		nnection with any interference which may be rate with the Assignee in every way possible
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:	Jan. 28, 2013	Signature of Ir	eventor	47	
Date:	÷	Signature of Ir	wentor		

I

Signature of Inventor_____

ASSIGNMENT

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(1-8) Insert Name(s) of Inventor(s)	(1) LEE, Hyun Woo , (5)		
	(2) CHOI, Hye Young (6)		
	(3) CHUNG, Jae Hoop (7)		
	(4)		
	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	WIRELESS DEVICES 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)		
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.			
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: Signs	sture of Inventor		
	iture of Inventor		
	nture of Inventor Jac Hoon Oly		

PATENT REEL: 037182 FRAME: 0972

RECORDED: 12/01/2015