503428505 08/07/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3475138

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DONGHYUN KANG	06/22/2015
SEONAH LEE	06/23/2015
SEJIN OH	06/24/2015
JONGSUNG CHOI	06/22/2015
YOUNGHWAN KWON	06/24/2015
SEUNGJOO AN	06/09/2015
JUNGWOOK PARK	06/24/2015
JINPIL KIM	06/23/2015
SEUNGRYUL YANG	06/24/2015
KYOUNGSOO MOON	06/24/2015

### **RECEIVING PARTY DATA**

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO
Internal Address:	YEOUNGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14766681

### **CORRESPONDENCE DATA**

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REEL: 036281 FRAME: 0154

ATTORNEY DOCKET NUMBER:	8736.01369.US00
NAME OF SUBMITTER:	BRUCE B. VANCE
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DATE SIGNED:	08/07/2015
Total Attachments: 6	
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PATENT REEL: 036281 FRAME: 0155

# **Assignment of Application**

WHEREAS, I (WE)	KANG, Donghyun; LEE, Seonah; OH, Sejin; CHOI, Jongsung; KWON, Younghwan; AN, Seungjoo; PARK, Jungwook; KIM, Jinpil; YANG, Seungryul; MOON, Kyoungsoo	
		, respectively,
have invented certain new a	nd useful improvements in:	
SIGNAL TRANSMITTIN	G APPARATUS, SIGNAL TRAN R TRANSMITTING AND RECE	
for which an application for	Letters Patent was executed on	

(Application No.	, Filed	), and
WHEREAS,	WHEREAS, LG ELECTRONICS INC.	
(hereinafter referre	d to as "ASSIGNEE") having a place of business at:	
128, Yeoui-daero,	Yeongdeungpo-gu, Seoul 150-721 Republic of Korea	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

DC:50576580,1

Docket No.:

The undersigned hereby grant(s) the firm of Dentons, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, 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: 2015/66/22	
Sale, 45-10-7-007-42	(Signature of Inventor)
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Date:	(Signature of Inventor)
	(Signature of inventor)
	LEE, Seonah
Date:	
	(Signature of Inventor)
	OH, Sejin
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Date: 2015/06/21	Chor
Date. 2012 1 - 07	(Signature of Inventor)
	CHOI, Jongsung
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Date: 211/06/24	(Signature of Inventor)
,	(Signature of Inventor)
	KWON, Younghwan
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Date:	
	(Signature of Inventor)
	AN, Seungjoo
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Date: 2015 / 06/24	Jugua K
Date: 2514 7 507 24	(Signature of Inventor)
	PARK, Jungwook
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2012 1 32	-400/00-
Date: 2015, 6, 23	<u> </u>
	(Signature of Inventor)
	KIM, Jinpil

DC:50576580.1



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Date:	
	(Signature of Inventor) KANG, Donghyun
Date; 06/23/2015	(Signature of Inventor) LEE, Seonah
Date:	(Signature of inventor) OH, Sejin
Date:	(Signature of Inventor) CHOI, Jongsung
Date:	(Signature of Inventor) KWON, Younghwan
Date:	(Signature of Inventor) AN, Seungjoo
Date:	(Signature of Inventor) PARK, Jungwook
Date:	(Signature of Inventor) KIM, Jinpil

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Date:		
	(Signature of Inventor)	
	KANG, Donghyun	
Date:		
Date.	(Signature of Inventor)	
	LEE, Seonah	
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Date: 1014. 6.24	July W	
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	Ozi, Bejin	
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Date:	(Signature of Inventor)	
	CHOI, Jongsung	
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Date:	(Signature of Inventor)	
	KWON, Younghwan	
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Date:	-	<del> </del>
	(Signature of Inventor)	•
	AN, Seungjoo	
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Date:		_,
	(Signature of Inventor)	
	PARK, Jungwook	
Date:		
	(Signature of Inventor)	
	KIM, Jinpil	

DC:50576580.1

Docket No .:

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Date:	
Date	(Signature of Inventor) KANG, Donghyun
Date:	
Date	(Signature of Inventor)
	LEE, Seonah
Dale:	
	(Signature of Inventor) OH, Sejin
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Date:	
	(Signature of Inventor) KWON, Younghwan
Daie: June, 9, 2015	Andrews .
	(Signature of Inventor) AN, Seungjoo
Date:	(Signature of Inventor) PARK, Jungwook
Date:	(Signature of Inventor) KIM, Jinpil

DC:50576580.1

Docket No.:

Date: 2015-6-24

(Signature of Inventor)
YANG, Seungryul

Date: 2015. 6.24

(Signature of Inventor)
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DC:50576580-I

PATENT REEL: 036281 FRAME: 0161

**RECORDED: 08/07/2015**