503143970 01/21/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEJIN OH	12/02/2013
DEOKHYUN KIM	12/02/2013
JAESEUNG KO	12/02/2013
JONGSUNG CHOI	12/02/2013
KYOUNGSOO MOON	12/02/2013
JIN PIL KIM	01/23/2014
YOUNGMU KWON	12/02/2013
SUNGGUK LIM	12/02/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14601369

CORRESPONDENCE DATA

Fax Number: (202)496-7756

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: 2024967106

Email: mlaip@mckennalong.com

MCKENNA LONG & ALDRIDGE LLP **Correspondent Name:**

Address Line 1: 1900 K STREET NW

Address Line 2: ATTORNEY DOCKET NO. 8736.00833.US11

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: 8736.00833.US11 YONG S. CHOI NAME OF SUBMITTER:

PAIENI **REEL: 034769 FRAME: 0746** 503143970

SIGNATURE:	/Yong S. Choi #43324/
DATE SIGNED:	01/21/2015
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif	

PATENT REEL: 034769 FRAME: 0747 13FCVL167US02 Docket No.:

Assignment of Application

WHEREAS, I (WE)	OH, Sejin; KIM, Deokhyun; KO, Jongsung ; MOON, Kyoungsoo; K Youngmu and LIM, Sungguk	Jaeseung; CHOI, IM, Jinpil; KWON,
		, respectively,
have invented certain new a	and useful improvements in:	
METHOD AND APP	ARATUS FOR PROCESSING DIGITAL S	SERVICE SIGNAL
for which an application for	Letters Patent was executed on	

(Application No.	14/091,895	, Filed	November 27, 2013), and
WHEREAS,	LG ELECTRONICS INC.			
(hereinafter referre	ed to as "ASSIGNEE") having	g a place o	of business at:	
20 Yeouido-dong,	Yeongdeungpo-gu, Seoul 150)-721 Rep	ublic of Korea and	···

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.

Page 1 of 3

13FCVL167US02

Docket No.:

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 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:	Dec 2, 2013	Second
		(Signature of Inventor) OH, Sejin
Date:	Dec 2, 2013	All
		(Signature of Inventor) KIM, Deokhyun
Date:	Dec 2, 2013.	to Jae Song
٠.	ALGORDO SEL	(Signature of Inventor) KO, Jaeseung
Date:	Dec 272.	Electronics
		(Signature of Inventor)
		CHOI, Jongsung
Date:		
		(Signature of Inventor)
		MOON, Kyoungsoo
Date:		
		(Signature of Inventor)
		KIM, Jinpil
Date:	Dec 2, 2013	My -
		(Signature of Inventor)
	4.	KWON, Youngmu

Page 2 of 3

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Docket No.:

Dec 2, 2013

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(Signature of Inventor) LIM, Sungguk

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006



Page 3 of 3

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	(Signature of Inventor) CHOI, Jongsung
Dec 2, 2013	ym
	(Signature of Inventor) MOON, Kyoungsoo
Date:	
	(Signature of Inventor) KIM, Jinpil
Date:	
	(Signature of Inventor) KWON, Youngmu

Page 2 of 3

13FCVL167US02		Docket No.:
Date:	(Signature of Inventor) LIM, Sungguk	

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Assignment of Application

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	(Signature of Inventor) KO, Jaeseung
Date:	
	(Signature of Inventor) CHOI, Jongsung
Date:	(a:
	(Signature of Inventor) MOON, Kyoungsoo
Date: 2014, JAN-23	2500= (6:
	(Signature of Inventor) KIM, Jinpil
Date:	(Size-4, of I
	(Signature of Inventor) KWON, Youngmu

Page 2 of 3

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Date:	(C) (X)	
	(Signature of Inventor)	
	LIM, Sungguk	

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 3 of 3