502756940 04/07/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2803536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAE HYUNG SONG	03/05/2010
JONG YEUL SUH	03/05/2010
CHANG SIK YUN	04/01/2010
GOMER THOMAS	03/08/2010
JUN HUI LEE	03/05/2010
JIN PIL KIM	03/05/2010
HO TAEK HONG	03/05/2010
KWAN SUK KIM	03/05/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14246755

CORRESPONDENCE DATA

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Address Line 2: ATTORNEY DOCKET NO. 8736.00373.US22
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:	8736.00373.US22
NAME OF SUBMITTER:	YONG S. CHOI
SIGNATURE:	/YONG S. CHOI #43324/

502756940 PATENT REEL: 032619 FRAME: 0408

DATE SIGNED:	04/07/2014
Total Attachments: 6	
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PATENT REEL: 032619 FRAME: 0409

Assignment of Application

WHEREAS,	(WE) Jae Hyung SONG, Jong Yeul SUH, Chank Sik YUN,					
Gomer THOMA Kwan Suk KIM	S, Jun Hi	ui LEE, Jin Pil KIM	1, Ho Ta	ek HONG and	, respec	ctively,
have invented cert	ain new a	ınd useful improvem	ents in:			
METHOD OF	PROCES	SSING NON-REAL RECEIV		ERVICE AND B	ROADO	CAST
for which an appli	cation for	Letters Patent was e	executed	on		
(Application No.	12/688,5	512	, Filed	January 15, 20	10), and
WHEREAS,	LG ELI	ECTRONICS INC.				<u> </u>
(hereinafter referre	ed to as "A	ASSIGNEE") having	g a place o	of business at:		
20 Yoido-dong Y	oungdung	po-gu Seoul 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.

Page 1 of 2

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ioonhui.lee/이준휘/10.178,200.222/2010-03-05 10:02

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: 2010 / 03 / 05	/ Co
	(Signature of Inventor)
	Jac Hyung SONG
	, 0 .
Date: 2010/03/05	h &a
	(Signifure of Inventor)
	Jong Yeul SUH
Date:	
Date:	(Signature of Inventor)
	Chang Sik YUN
m .	
Date:	(Signature of Inventor)
	Gomer THOMAS
Date: March & 2010	DM-10 -
Date: [- 12010	Jym,
	(Signature of Inventor)
	Jun Hui LEE
1.00 1 2 - 2	Ame
Date: MAR. 5, 2070	
	(Signature of Inventor)
	Jin Pil KIM
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Dute: + Mor. 2010	The state of the s
	(Signature of Inventor)
	Ho Tack HONG
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Date: 5 Mar 296	COL
	(Signature of Inventor)
	Kwan Suk KIM

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Attorneys At Law

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Page 2 of 2

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Assignment of Application

WHEREAS,	I (WE)	Jae Hyung SON	G, Jong Y	eul SUH, Chank	Sik YUN	Ι,
Gomer THOMAS Kwan Suk KIM	S, Jun Hi	ui LEE, Jin Pil KI	М, Но Тас	ek HONG and	, respec	tively,
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for which an appli	cation for	Letters Patent was	s executed	on		
(Application No.	12/688,	512	, Filed	January 15, 20)10), and
WHEREAS,	LG EL	ECTRONICS INC	Z.			
(hereinafter referre	ed to as ".	ASSIGNEE") havi	ng a place	of business at:		

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;

20 Yoido-dong, Youngdungpo-gu, Seoul, Korea

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Date;	
	(Signature of Inventor) Jae Hyung SONG
Date:	
	(Signature of Inventor) Jong Yeul SUH
Date: 01, APR 2000	de.
	(Signature of Inventor) Chang Sik YUN
Date:	
	(Signature of Inventor) Gorner THOMAS
Date:	
	(Signature of Inventor) Jun Hui LEE
Date:	A 1 10 A
	(Signature of Inventor) Jin Pil KIM
Date:	
	(Signature of Inventor) Ho Tack HONG
Date:	
	(Signature of Inventor) Kwan Suk KIM

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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REEL: 032619 FRAME: 0413

Assignment of Application

WHEREAS, I (WE)	Jae Hyung SONG, Jong Yeul SUH, Chank Sik YUN,			
Gomer THOMAS, Jun H Kwan Suk KIM	ui LEE, Jin Pil KIM, Ho Tael	(HONG and	, respectively,	
have invented certain new a	and useful improvements in:		···	
METHOD OF PROCES	SSING NON-REAL TIME SE RECEIVER	CRVICE AND I	BROADCAST	
for which an application for	Letters Patent was executed or	ı		

(Application No.	12/688,512	, Filed	January 15, 2010), and
WHEREAS,	LG ELECTRONIC	S INC.		
(hereinafter referre	ed to as "ASSIGNEE") having a place	of business at:	
20 Yoido-dong, Y	oungdungpo-gu, Seou	l, Korca		

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;

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Page 1 of 2

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Date:	
	(Signature of Inventor) Jae Hyung SONG
Date!	
	(Signature of Inventor)
	Jong Yeul SUH
Date:	
	(Signature of Inventor)
	Chang Sik YUN
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Date: 8 March 2010	Thomas Thomas
	(Signature of Inventor)
	Gomer THOMAS
Date:	
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	(Signature of Inventor)
	Jun Hui LEE
Date:	
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	(Signature of Inventor)
	Jin Pil KIM
Date:	
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	(Signature of Inventor)
	Ho Taek HONG
Date:	
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	(Signature of Inventor)
	Kwan Suk KIM

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