10/11/2017 504589571

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4636283

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOON YOUNG PARK	09/18/2015
SEUNG WOOK PARK	04/24/2015
JUNG SUN KIM	04/25/2015
YOUNG HEE CHOI	05/12/2015
BYEONG MOON JEON	05/15/2015

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15730229

CORRESPONDENCE DATA

Fax Number:

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: 202-496-7500

Email: mlapto@mckennalong.com

Correspondent Name: DENTONS US LLP Address Line 1: 1900 K. STREET, N.W. Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	8736.01265.US22
NAME OF SUBMITTER:	YONG S. CHOI
SIGNATURE:	/Yong S. Choi/
DATE SIGNED:	10/11/2017

Total Attachments: 10

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PATENT REEL: 043840 FRAME: 0318

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PATENT REEL: 043840 FRAME: 0319

DOCKET NO.: 8/30,01200,0521

Assignment of Application

WHEREAS,	I (WE)			K, Seung Wook EON, Byeong M	
		b			, respectively,
have invented cert	ain new a	nd useful im	provements in:		
METHO	D AND A	PPARATUS	S OF PROCESS	SING A VIDEO	SIGNAL
for which an appli	cation for	Letters Pate	nt was executed	on	
(Application No.	14/694,2	280	, Filed	April 23, 2015), and
WHEREAS,	LG Elec	ctronics Inc.	•		

(hereinafter referred 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.

Page 1 of 2

DOCKET NO.: 8/30,01203,0521

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: Sep. (8. 2015	. 3
,	(Signature of Inventor) PARK, Joon Young
Date:	
	(Signature of Inventor) PARK, Seung Wook
Date:	
	(Signature of Inventor) KIM, Jung Sun
Date:	
	(Signature of Inventor) CHOI, Young Hee
Date:	(Signature of Inventor)
	(Signature of Inventor) JEON. Byeong Moon

McKenna Long & Aldridge LLP

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

DC 51222810.1

Assignment of Application

WHEREAS, I (WE) PARK, Joon Young; PARK, Seung Wook; KIM, Jung Sun; CHOI, Young Hee; JEON, Byeong Moon				
	······································			, respectively,
have invented cert	ain new and useful in	provements in:		
METHOI	AND APPARATU	S OF PROCESS	ING A VIDEO S	IGNAL
for which an appli	cation for Letters Pate	ent was executed o	on	
(Application No.	14/694,280	, Filed	April 23, 2015), and

(Application No.	14/694,280	, Filed	April 23, 2015), and
WHEREAS,	LG Electronics Inc.			
	ed to as "ASSIGNEE") Yeongdeungpo-gu, Se			

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.

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Date:		
	(Signature of Inventor) PARK, Joon Young	od the
Date: 2015. 4,24		
	(Signature of Inventor) PARK, Seung Wook	
Date:	(Signature of Inventor)	
	KIM, Jung Sun	
Date:		
	(Signature of Inventor) CHOI, Young Hee	
Date:	(Signature of Inventor)	and the state of t
	JEON. Byeong Moon	

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

DC 51222810.1

Assignment of Application

WHEREAC LIVE DARK T. W. DARK C. W. L. VIM T.

WHEREAS,	Sun; CHOI, Young Hee; JEON, Byeong Moon					ing
					, respec	ctively,
have invented certa	in new a	and useful impro	vements in:			****
METHOD	AND A	PPARATUS O	F PROCESS	ING A VIDEO S	SIGNAL	
for which an applic	ation for	r Letters Patent v	vas executed o	on		
(Application No.	14/694,	280	, Filed	April 23, 2015), and
WHEREAS,	LG Ele	ctronics Inc.				
(hereinafter referre		•	~ x		1	

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.

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Date:	The second secon	and the second of the second
	(Signature of Inventor) PARK, Joon Young	
Date:	(Planings of Francisco)	
	(Signature of Inventor) PARK, Seung Wook	
Date: 4/25/2015	/aista	
	(Signature of Inventor) KIM, Jung Sun	
Date:		
	(Signature of Inventor) CHOI, Young Hee	
Date:		
	(Signature of Inventor) JEON, Bycong Moon	

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

DC 51222810.1

Page 2 of 2

Assignment of Application

WHEREAS,	` ' 1 '-	oon Young; PARI DI, Young Hee; J		
	•			, respectively,
have invented cert	ain new and useful in	nprovements in:		
METHOI	AND APPARATU	S OF PROCESS	ING A VIDEO	SIGNAL
for which an appli	cation for Letters Pat	ent was executed o	on	
(Application No.	14/694,280	, Filed	April 23, 2015), and
WHEREAS,	LG Electronics Inc			
(hereinafter referre	ed to as "ASSIGNEE	") having a place of	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;

128 Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea

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.

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Date:		1875 (1975 - 1975 - 1975 - 1976 - 1976) 1885 - 1976 (1976 - 1976 - 1976)
	(Signature of Inventor) PARK, Joon Young	
Date;	(Signature of Inventor)	
	PARK, Seung Wook	
Date)	(Signature of Inventor)	
	KIM, Jung Sun	
Date: 12th May 2015	tusko	
	(Signature of Inventor) CHOI, Young Hee	
Date:	(Signature of Inventor)	
	JEON, Byeong Moon	

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

DC 51222810.1

Assignment of Application

WHEREAS,	I (WE)	1	on Young; PARI I, Young Hee; J			Jung
		<u>*</u>			, resp	ectively,
have invented cert	ain new a	ınd useful imj	provements in:			
METHOI	AND A	PPARATUS	OF PROCESS	ING A VID	EO SIGNA	L
for which an appli	cation for	Letters Pater	nt was executed o	on		
			·····			
(Application No.	14/694,	280	, Filed	April 23, 2	1015), and
WHEREAS,	LG Ele	ctronics Inc.				
(hereinafter referre 128 Yeoui-daero,						
(hereinafter referre	ed to as ".	ASSIGNEE") having a place of			

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Date:	
	(Signature of Inventor)
	PARK, Joon Young
Date:	
	(Signature of Inventor)
	PARK, Seung Wook
Date:	
	(Signature of Inventor)
	KIM, Jung Sun
Date:	
	(Signature of Inventor)
	CHOI, Young Hee
	\mathcal{D} \mathcal{L}
Date: May 15th, 2015	Hatton from
	(Signature of Inventor)
•	JEON, Byeong Moon

McKenna Long & Aldridge LLP

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

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