506516515 02/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6563290

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the REQUEST TO REMOVE FROM RECORD, PLEASE EXPUNGE REEL/FRAME 051323/0943 - ERRONEOUSLY FILED previously recorded on Reel 051323 Frame 0943. Assignor(s) hereby confirms the INCORRECT ASSIGNMENT FILED.

CONVEYING PARTY DATA

Name	Execution Date	
WOOSUK KO	04/04/2016	
JAEHYUNG KIM	04/04/2016	
CHULKYU MUN	04/04/2016	
SUNGRYONG HONG	04/04/2016	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16714941		

CORRESPONDENCE DATA

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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.

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Correspondent Name: DENTONS US LLP
Address Line 1: 1900 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	8736.01478.US23
NAME OF SUBMITTER:	BRUCE B. VANCE
SIGNATURE:	/Bruce B. Vance/
DATE SIGNED:	02/22/2021

Total Attachments: 4

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PATENT 506516515 REEL: 055357 FRAME: 0301

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PATENT REEL: 055357 FRAME: 0302

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5875257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
WOOSUK KO	04/04/2016	
JAEHYUNG KIM	04/04/2016	
CHULKYU MUN	04/04/2016	
SUNGRYONG HONG	04/04/2016	

RECEIVING PARTY DATA

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City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16714941		

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ATTORNEY DOCKET NUMBER:	8736.01478.US23
NAME OF SUBMITTER:	YONG S. CHOI
SIGNATURE:	/Yong S. Choi/
DATE SIGNED:	12/18/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 055357 FRAME: 0303

505828325

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PATENT REEL: 055357 FRAME: 0304

Docket No.: 8736.01478.US00

Assignment of Application

WHEREAS,	I (WE)	E) Jaehyung KIM, Woosuk KO, Chulkyu MUN, Sungryong HONG					
						, respe	ctively,
have invented cert	ain new ai	nd useful improve	ments in:				
APPARATUS AND METHOD FOR SENDING AND RECEIVING BROADCAST SIGNALS							
for which an application for Letters Patent was executed on							
(Application No.	15/014,	838	filed]	February 3, 2016)), and
WHEREAS,	LG ELE	ECTRONICS IN	C.				
(hereinafter referred to as "ASSIGNEE") having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336 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.

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Docket No.: 8736.01478.US00

The undersigned hereby grant(s) the firm of DENTONS US 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: 4. Apr , 2016 (Signature of Inventor)

(Signature of Inventor)
Jachyung KIM

Date: 4 Apr. 2016

(Signature of Inventor)
Woosuk KO

Date: 4 April 2016

(Signature of Inventor) Chulkyu MUN

Date: 4 April 20/4

(Signature of Inventor)
Sungryong HONG

DENTONS US LLP

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