10/04/2017 504580075

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SANGWOOK KYMM	01/01/2017
MISUN PARK	01/01/2017
JEONGA SHIN	01/01/2017
KYONGTAE HAN	01/01/2017
SEONGYEONG PARK	01/01/2017
HIROSHI FUJITA	01/01/2017

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:	35503344	

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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8110 GATEHOUSE ROAD, SUITE 100E Address Line 1: Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	3449-3252PUS1
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN
SIGNATURE:	/Phillip R. Tashjian/
DATE SIGNED:	10/04/2017

Total Attachments: 2

PATENT REEL: 043782 FRAME: 0531

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> PATENT REEL: 043782 FRAME: 0532

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No).:	35/503,344 Filed	: January 13, 2017
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))*** WHEREAS, Sangwook Kymm, Misun Park, Jeonga Shin, Kyongtae Han, Seonyeong Park & Hiroshi (hereinafter designated as the undersigned) has (have) invented certain new and useful improvement		
Insert Title of Invention	⇔	TV receiver	
		for which an application for Letters Patent of the Uni undersigned (except in the case of a provisional applicat	
		undersigned (except in the case of a provisional applicat.	ion
Insert Date of Signing of Appln.	⇔	on January 1, 2017	; and
Insert Name of Assignee	⇔	WHEREAS, LG ELECTRONICS INC.	
Insert Address of Assignee	⇔	of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Re	public of Korea, ,
		its heirs, successors, legal representatives and assigns (hof acquiring the entire right, title and interest in and to sthat may be granted therefor in the United States of American	said invention and in and to any Letters Patent(s)
Check Box if Appropriate	⇔	in any foreign countries.	
		NOW, THEREFORE, for good and valuable consideration the undersigned has (have) sold, assigned and transfer and transfer unto said Assignee the full and exclusive and transfer unto said Assignee the full and exclusive and all Letters Patent(s) which may be granted therefor dependencies and possessions, and if the box above is deany and all divisions, reissues, continuations, conversiterms for which the same may be granted.	red, and by these presents does (do) sell, assign right to the said invention in the United States of and the entire right, title and interest in and to any or in the United States of America, its territories, esignated, in any and all foreign countries; and to

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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BSKB-ASSIGN-SINGLE (09-12)

Attorney Docket No.: 3449-3252PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or resiste applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be dictared commercing this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned horeby coverant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	January 1, 2017	Name of Inventor		dree
• *****	And the second s		Paguatura Sangwook Kymm	12
Date	January 1, 2017	Same of hyenter	(Segration) Misun Park	X
Dete	January 1, 2017	Name of Invertor		an
Data•	January 1, 2017	Cafficor inveitor	(Seconture) Iconga Shin	3
Date	January 1, 2017	Name of Inventor		4
15.10	January 1, 2017	Name of Inventor	(Ssgnature) Kyongtae Han	466
Date	ACCEPT ACCEPT AND CONTRACTOR OF THE PROPERTY O		(Signature) Seongyeong Park	714
Date	January 1, 2017	Name of Inventor	Capatian Hiroshi Fuata	同かり
			izshama, Unesti rafta	
			Days V	BSKB-ASSR N SINCILE (0)-12

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RECORDED: 10/04/2017