

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3793003

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEUNGRYUL YANG	03/07/2016
MINSUNG KWAK	03/07/2016
KYOUNGSOO MOON	03/09/2016
WOOSUK KO	03/07/2016
SUNGRYONG HONG	03/08/2016
JANGWON LEE	03/11/2016
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:	15056343
CORRESPONDENCE DATA	
Fax Number:	(703)205-8050
<i>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.</i>	
Phone:	703-205-8000
Email:	Spencer.Garth@bskb.com, mailroom@bskb.com
Correspondent Name:	BIRCH, STEWART, KOLASCH & BIRCH, LLP
Address Line 1:	P. O. BOX 747
Address Line 4:	FALLS CHURCH, VIRGINIA 22042-1248
ATTORNEY DOCKET NUMBER:	0465-5478PUS1
NAME OF SUBMITTER:	SPENCER GARTH
SIGNATURE:	/spencer garth/
DATE SIGNED:	03/21/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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BIRCH, STEWART, KOLASCH & BIRCH, LLP
P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

**DECLARATION AND ASSIGNMENT
FOR PATENT AND DESIGN APPLICATIONS**

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

Title of Invention ⇨ APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD OF TRANSMITTING BROADCAST SIGNALS AND METHOD OF RECEIVING BROADCAST SIGNALS

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto,

Application not Attached ⇨ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln. No. ⇨ United States Application Number or PCT International Appln. No. 15/056,343

Enter Filing Date ⇨ filed on February 29, 2016

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee ⇨ WHEREAS, LG ELECTRONICS INC.

Insert Address of Assignee ⇨ of 128 Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea,
its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate ⇨ ☐ in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred; and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BSKB-DECASSIGN\09-12)

SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR
Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: KWAK, Minsung Date: 7. March. 2016

Inventor's Signature → Signature: 

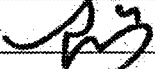
LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: MOON, Kyoungsoo Date: _____

Inventor's Signature → Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: KO, Woosuk Date: 7 Mar. 2016

Inventor's Signature → Signature: 

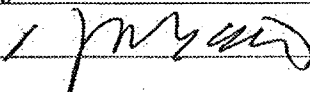
LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: HONG, Sungryong Date: _____

Inventor's Signature → Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: LEE, Jangwon Date: 11. Mar. 2016

Inventor's Signature → Signature: 

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name → Inventor: _____ Date: _____

Inventor's Signature → Signature: _____

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ESKB-DECASSIGN\ (09-12)

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Inventor's Name ⇨ Inventor: KWAK, Minsung Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: MOON, Kyoungsoo Date: 2016. 3. 9

Inventor's Signature ⇨ Signature:  _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: KO, Woosuk Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: HONG, Sungryong Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: LEE, Jangwon Date: _____

Inventor's Signature ⇨ Signature: _____

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Inventor's Name ⇨ Inventor: KWAK, Minsung Date: _____

Inventor's Signature ⇨ Signature: _____

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Inventor's Name ⇨ Inventor: MOON, Kyoungsoo Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: KO, Woosuk Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: HONG, Sungryong Date: 08 Mar 2018

Inventor's Signature ⇨ Signature: 

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: LEE, Jangwon Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: _____ Date: _____

Inventor's Signature ⇨ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

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