

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3597342

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HOTA EK HONG	10/15/2013
SANGCHUL MOON	10/08/2013
JOONHUI LEE	10/15/2013
WOOSUK KO	10/08/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG ELECTRONICS INC.
<b>Street Address:</b>	128, YEOUI-DAERO, YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14930149
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	202-496-7500
<b>Email:</b>	mlapto@mckennalong.com
<b>Correspondent Name:</b>	DENTONS US LLP
<b>Address Line 1:</b>	1900 K. STREET, N.W.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	8736.00713.US23
<b>NAME OF SUBMITTER:</b>	YONG S. CHOI
<b>SIGNATURE:</b>	/Yong S. Choi/
<b>DATE SIGNED:</b>	11/02/2015
<b>Total Attachments: 5</b>	
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## Assignment of Application

WHEREAS, I (WE)	Ho Taek Hong
	, respectively,
have invented certain new and useful improvements in:	
BROADCASTING SIGNAL TRANSMITTING APPARATUS, BROADCAST SIGNAL RECEIVING APPARATUS, AND BROADCAST SIGNAL TRANSCEIVING METHOD IN A BROADCAST SIGNAL TRANSCEIVING APPARATUS	
for which an application for Letters Patent was executed on	

(Application No.	13/884,774	, Filed	May 10, 2013	), and
WHEREAS,	LG ELECTRONICS INC.			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 20 Yeouido-dong, 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.

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: \_\_\_\_\_  
(Signature of Inventor)  
*Ho Taek Hong*

Date: \_\_\_\_\_  
(Signature of Inventor)  
*Sangchul Moon*

Date: *2013/10/15*  
(Signature of Inventor)  
*Joonhui Lee*

Date: \_\_\_\_\_  
(Signature of Inventor)  
*Woosuk Ko*

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

Docket No.: 8736.00713.US00  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
HONG, Hotaek

Customer No.: 30827

Application No.: 13/884,774

Confirmation No. 8697

Filed: May 10, 2013

Art Unit: TBA

For: BROADCAST SIGNAL TRANSMITTING  
APPARATUS, BROADCAST SIGNAL  
RECEIVING APPARATUS, AND  
BROADCAST SIGNAL TRANSCIEIVING  
METHOD IN A BROADCAST SIGNAL  
TRANSCIEIVING APPARATUS

Examiner: TBA

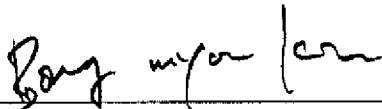
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT OF ASSIGNEE LG ELECTRONICS, INC.**  
**FOR CORRECTION OF INVENTORSHIP UNDER 37 CFR 1.48(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

LG Electronics, Inc. is the assignee of the entire right, title and interest in the above-referenced U.S. patent application. I am authorized to act on behalf of the Assignee and agree to correct the inventorship of the above-referenced U.S. patent application to add Woosuk Ko, Sangchul Moon, Joonhui Lee, as inventors.



LG Electronics, Inc.

Date 2013.10.15

KIM, Bongmyon / Manager

모두 알려지지 않은 문서 속성 이동입니다.

Docket No.: 8736.00713.US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hotaek Hong, et al.

Customer No.: 30827

Application No.: 13/884,774

Confirmation No.: 8582

Filed: May 10, 2013

Art Unit: TBA

For: BROADCAST SIGNAL TRANSMITTING  
APPARATUS, BROADCAST SIGNAL  
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METHOD IN A BROADCAST SIGNAL  
TRANSCEIVING APPARATUS

Examiner: TBA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT OF SANGCHUL MOON, JOONHUI LEE AND WOOSUK KO  
FOR CORRECTION OF INVENTORSHIP**

Sir:

We, Sangchul Moon, Joonhui Lee and Woosuk Ko, do hereby declare that we were  
erroneously removed as an inventors of the above-referenced U.S. patent application. The error  
occurred without deceptive intent on our behalf.

  
\_\_\_\_\_  
Sangchul Moon

2013. 10. 8

\_\_\_\_\_  
Date

\_\_\_\_\_  
Joonhui Lee

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Woosuk Ko

2013. 10. 8

\_\_\_\_\_  
Date

DC:51018730.1

Docket No.: 8736.00713.US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hotaek Hong, et al.

Customer No.: 30827

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Confirmation No.: 8582

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Examiner: TBA

Commissioner for Patents  
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Alexandria, VA 22313-1450

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FOR CORRECTION OF INVENTORSHIP**

Sir:

We, Sangchul Moon, Joonhui Lee and Woosuk Ko, do hereby declare that we were  
erroneously removed as an inventors of the above-referenced U.S. patent application. The error  
occurred without deceptive intent on our behalf.

\_\_\_\_\_  
Sangchul Moon

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Joonhui Lee

  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Woosuk Ko

\_\_\_\_\_  
Date

DC:51018730.1

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