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## PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	Y DATA	IL				
		Name	Execution Date			
HOTAEK HONG		Hame	07/27/2013			
SANGCHUL MOON			07/24/2013			
JOONHUI LEE			07/24/2013			
WOOSUK KO			07/23/2013			
RECEIVING PARTY	DATA		· · · · · · · · · · · · · · · · · · ·			
	11					
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City:		SEOUL				
State/Country:	KOREA, REP	UBLIC OF				
PROPERTY NUMBE	RS Total: 1					
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	у Туре	Number 14199671				
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Property Application Number  CORRESPONDENC  Fax Number: Phone: Email: Correspondence with Correspondent Nam Address Line 1: Address Line 4:	y Type  E DATA  202 mlap be sent via US Ma e: MCF 1900 WAS	.496.7500 pto@mckennalong.com ail when the email attempt is unsuccessful. KENNA LONG & ALDRIDGE LLP 0 K STREET, NW SHINGTON, DISTRICT OF COLUMBIA 20006				

PATENT REEL: 032370 FRAME: 0400

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Total Attachments: 2

Docket No.: 8736.00714.US00

## **Assignment of Application**

WHEREAS, I (WE)	Hotaek Hong, Sangchul Moon, Joonhui Lee and			
Woosuk Ko		, respectively,		
have invented certain new a	and useful improvements in:			
RECEIVER, AND MET	ST SIGNAL TRANSMITTER, BROADCAS THOD FOR TRANSCEIVING BROADCAS DADCAST SIGNAL TRANSCEIVERS			
for which an application for	Letters Patent was executed on			

(Application No.	13/884,802	, Filed	May 10, 2013	), and					
WHEREAS,	WHEREAS, LG ELECTRONICS INC.								
(hereinafter referred to as "ASSIGNEE") having a place of business at:									
20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, 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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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: 32 John Spilling of Investor)
Hotack Hong

Date: 2013. 7. 24 (Signature of inversor)
Sangchul Moon

Date: 2014/7/24 MM

(Signature of inventor)

Joonhui Lee

Date: 20/3. 7. 23

(Signature of Seventor)

Woosuk Ko



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

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