

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hotaek Hong</td> <td>07/23/2013</td> </tr> <tr> <td>Sangchul Moon</td> <td>07/01/2013</td> </tr> <tr> <td>Joonhui Lee</td> <td>07/03/2013</td> </tr> <tr> <td>Woosuk Ko</td> <td>07/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hotaek Hong	07/23/2013	Sangchul Moon	07/01/2013	Joonhui Lee	07/03/2013	Woosuk Ko	07/01/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LG Electronics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>20 Yeouido-dong, Yeongdeungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	LG Electronics Inc.	Street Address:	20 Yeouido-dong, Yeongdeungpo-gu	City:	Seoul	State/Country:	KOREA, REPUBLIC OF		
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13884765</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13884765						
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CORRESPONDENCE DATA											
<p>Fax Number: 202.496.77</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202.496.7500</p> <p>Email: mlaip@mckennalong.com</p> <p>Correspondent Name: MCKENNA LONG & ALDRIDGE LLP</p> <p>Address Line 1: 1900 K STREET, NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006</p>											
ATTORNEY DOCKET NUMBER:	8736.00711.US00										
NAME OF SUBMITTER:	Yong S. Choi										
Signature:	/Yong S. Choi/										
Date:	07/24/2013										
<p>Total Attachments: 2</p> <p>source=8736_00711_Assignment#page1.tif</p> <p>source=8736_00711_Assignment#page2.tif</p>											

CH \$40.00 13884765

Assignment of Application

WHEREAS, I (WE)	Hotaek Hong, Sangchul Moon, Joonhui Lee and		
Woosuk Ko	, respectively,		
have invented certain new and useful improvements in:			
APPARATUS FOR TRANSMITTING A BROADCAST SIGNAL, APPARATUS FOR RECEIVING A BROADCAST SIGNAL, AND METHOD FOR TRANSMITTING/RECEIVING A BROADCAST SIGNAL USING AN APPARATUS FOR TRANSMITTING/RECEIVING A BROADCAST SIGNAL.			
for which an application for Letters Patent was executed on			
(Application No.	13/884,765	, Filed	May 10, 2013
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;

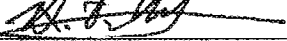



NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

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: <u>23 July 2013</u>	 (Signature of Inventor) Hotaek Hong
Date: <u>2013.7.1</u>	 (Signature of Inventor) Sangchul Moon
Date: <u>2013.7.3</u>	 (Signature of Inventor) Joonhui Lee
Date: <u>2013.7.1</u>	 (Signature of Inventor) Woosuk Ko

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