

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yeong Hyeon Kwon</td> <td>10/13/2010</td> </tr> <tr> <td>Min Seok Noh</td> <td>10/04/2010</td> </tr> <tr> <td>Kyu Jin Park</td> <td>10/04/2010</td> </tr> <tr> <td>Jae Hoon Chung</td> <td>10/04/2010</td> </tr> <tr> <td>Seung Hee Han</td> <td>10/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yeong Hyeon Kwon	10/13/2010	Min Seok Noh	10/04/2010	Kyu Jin Park	10/04/2010	Jae Hoon Chung	10/04/2010	Seung Hee Han	10/04/2010
Name	Execution Date												
Yeong Hyeon Kwon	10/13/2010												
Min Seok Noh	10/04/2010												
Kyu Jin Park	10/04/2010												
Jae Hoon Chung	10/04/2010												
Seung Hee Han	10/04/2010												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG Electronics Inc.	Street Address:	20 Yeouido-dong, Yeongdeungpo-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA	Postal Code:	150-721		
Name:	LG Electronics Inc.												
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu												
City:	Seoul												
State/Country:	REPUBLIC OF KOREA												
Postal Code:	150-721												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12988240</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12988240								
Property Type	Number												
Application Number:	12988240												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (202)496-7756</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: mlaip@mckennalong.com</p> <p>Correspondent Name: McKenna Long &amp; 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:	8737.408.00												
NAME OF SUBMITTER:	Mark R. Kresloff												
<p>Total Attachments: 4</p> <p>source=8737_408_Assignment#page1.tif</p>													

CH \$40.00 12988240

**501321831**

**PATENT**  
**REEL: 025147 FRAME: 0442**

source=8737\_408\_Assignment#page2.tif  
source=8737\_408\_Assignment#page3.tif  
source=8737\_408\_Assignment#page4.tif

## Assignment of Application

WHEREAS, I (WE)	Yeong Hyeon KWON; Min Seok NOH; Kyu Jin PARK
Jae Hoon CHUNG; and Seung Hee HAN	, respectively,
have invented certain new and useful improvements in:	
<b>METHOD FOR TRANSMITTING SUB-FRAME DESIGNATION INFORMATION TO A DOWNLINK IN A RADIO COMMUNICATION SYSTEM</b>	
for which an application for Letters Patent was executed on	

(Application No.		, Filed		), and
WHEREAS,	<b>LG ELECTRONICS INC.</b>			
(hereinafter referred to as “ASSIGNEE”) having a place of business at: 20 Yeouido-dong Ycongdeungpo-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;

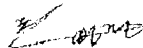
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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: 2010-10-13



(Signature of Inventor)

**Yeong Hyeon KWON**

Date: \_\_\_\_\_

(Signature of Inventor)

**Min Seok NOH**

Date: \_\_\_\_\_

(Signature of Inventor)

**Kyu Jin PARK**

Date: \_\_\_\_\_

(Signature of Inventor)

**Jae Hoon CHUNG**

Date: \_\_\_\_\_

(Signature of Inventor)

**Seung Hee HAN**

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

## Assignment of Application

WHEREAS, I (WE)	Yeong Hyeon KWON; Min Seok NOH; Kyu Jin PARK
Jae Hoon CHUNG; and Seung Hee HAN	, respectively,
have invented certain new and useful improvements in:	
<b>METHOD FOR TRANSMITTING SUB-FRAME DESIGNATION INFORMATION TO A DOWNLINK IN A RADIO COMMUNICATION SYSTEM</b>	
for which an application for Letters Patent was executed on	

(Application No.		, Filed		), and
WHEREAS,	<b>LG ELECTRONICS INC.</b>			
(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)

**Yeong Hyeon KWON**

Date: Oct. 4th. 2010

(Signature of Inventor)

**Min Seok NOH**

Date: 2010. 10. 04

(Signature of Inventor)

**Kyu Jin PARK**

Date: Oct. 4th, 2010

(Signature of Inventor)

**Jae Hoon CHUNG**

Date: Oct. 4th. 2010

(Signature of Inventor)

**Seung Hee HAN**

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