

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Seung June Yi</td> <td>07/02/2013</td> </tr> <tr> <td>Sung Duck Chun</td> <td>07/08/2013</td> </tr> <tr> <td>Sung Hoon Jung</td> <td>07/02/2013</td> </tr> <tr> <td>Young Dae Lee</td> <td>07/02/2013</td> </tr> <tr> <td>Sung Jun Park</td> <td>07/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Seung June Yi	07/02/2013	Sung Duck Chun	07/08/2013	Sung Hoon Jung	07/02/2013	Young Dae Lee	07/02/2013	Sung Jun Park	07/02/2013
Name	Execution Date												
Seung June Yi	07/02/2013												
Sung Duck Chun	07/08/2013												
Sung Hoon Jung	07/02/2013												
Young Dae Lee	07/02/2013												
Sung Jun Park	07/02/2013												
RECEIVING PARTY DATA													
Name:	LG Electronics Inc.												
Street Address:	20 Yeouido-dong, Yeongduengpo-gu												
City:	Seoul												
State/Country:	KOREA, REPUBLIC OF												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13980344</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13980344								
Property Type	Number												
Application Number:	13980344												
CORRESPONDENCE DATA													
Fax Number:	202.496.77												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202.496.7500												
Email:	mlaip@mckennalong.com												
Correspondent Name:	MCKENNA LONG & ALDRIDGE LLP												
Address Line 1:	1900 K STREET, NW												
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006												
ATTORNEY DOCKET NUMBER:	8737.00730.US00												
NAME OF SUBMITTER:	Mark R. Kresloff												
Signature:	/Mark R. Kresloff/												

Date:

07/18/2013

Total Attachments: 4

source=assignment#page1.tif

source=assignment#page2.tif

source=assignment#page3.tif

source=assignment#page4.tif

Assignment of Application

WHEREAS, I (WE)	YI, Seung June ; CHUN, Sung Duck ; JUNG, Sung Hoon ; LEE, Young Dae and PARK, Sung Jun		
respectively, have invented certain new and useful improvements in:			
METHOD AND APPARATUS FOR MONITORING DOWNLINK CONTROL CHANNEL			
for which an application for Letters Patent was executed on			
(Application No.		, Filed), 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.

12FCCM165US02

Date: July-02-2013

Seung June Yi 

(Signature of Inventor)


YI, Seung June

Date:

(Signature of Inventor)

CHUN, Sung Duck

Date: July-02-2013

Sung Hoon Jung 

(Signature of Inventor)

JUNG, Sung Hoon

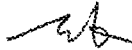
Date: July-02-2013

Young Dae Lee 

(Signature of Inventor)

LEE, Young Dae

Date: July-02-2013

Sung Jun Park 

(Signature of Inventor)

PARK, Sung Jun

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

12FCCM165US02

Assignment of Application

WHEREAS, I (WE)	YI, Seung June ; CHUN, Sung Duck ; JUNG, Sung Hoon ; LEE, Young Dae and PARK, Sung Jun		
respectively, have invented certain new and useful improvements in:			
METHOD AND APPARATUS FOR MONITORING DOWNLINK CONTROL CHANNEL			
for which an application for Letters Patent was executed on			
(Application No.		, Filed), 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.

12FCCM165US02

Date: _____
(Signature of Inventor)
YI, Seung June


Date: 08-July-2013

(Signature of Inventor)
CHUN, Sung Duck

Date: _____

(Signature of Inventor)
JUNG, Sung Hoon

Date: _____

(Signature of Inventor)
LEE, Young Dae

Date: _____

(Signature of Inventor)
PARK, Sung Jun

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