

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>Ki Jun Kim</td> <td>08/23/2012</td> </tr> <tr> <td>Joon Ho Cho</td> <td>08/27/2012</td> </tr> <tr> <td>Byung Wook Han</td> <td>08/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ki Jun Kim	08/23/2012	Joon Ho Cho	08/27/2012	Byung Wook Han	08/29/2012		
Name	Execution Date										
Ki Jun Kim	08/23/2012										
Joon Ho Cho	08/27/2012										
Byung Wook Han	08/29/2012										
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> <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:	KOREA, REPUBLIC OF	Postal Code:	150-721
Name:	LG Electronics Inc.										
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu										
City:	Seoul										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	150-721										
<table border="1"> <tr> <td>Name:</td> <td>POSTECH ACADEMY-INDUSTRY FOUNDATION</td> </tr> <tr> <td>Street Address:</td> <td>San31, Hyoja-dong, Nam-gu</td> </tr> <tr> <td>City:</td> <td>Pohang-si, Gyeongbuk</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>790-784</td> </tr> </table>		Name:	POSTECH ACADEMY-INDUSTRY FOUNDATION	Street Address:	San31, Hyoja-dong, Nam-gu	City:	Pohang-si, Gyeongbuk	State/Country:	KOREA, REPUBLIC OF	Postal Code:	790-784
Name:	POSTECH ACADEMY-INDUSTRY FOUNDATION										
Street Address:	San31, Hyoja-dong, Nam-gu										
City:	Pohang-si, Gyeongbuk										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	790-784										
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>13718810</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13718810						
Property Type	Number										
Application Number:	13718810										
CORRESPONDENCE DATA											
Fax Number:	2024967756										
<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										

CH \$40.00 13718810

ATTORNEY DOCKET NUMBER:	8737.00643.US00
NAME OF SUBMITTER:	Michael I. Angert
Total Attachments: 6 source=8737_00643_US00_assign#page1.tif source=8737_00643_US00_assign#page2.tif source=8737_00643_US00_assign#page3.tif source=8737_00643_US00_assign#page4.tif source=8737_00643_US00_assign#page5.tif source=8737_00643_US00_assign#page6.tif	

Assignment of Application

WHEREAS, I (WE)	KIM, Ki Jun; CHO, Joon Ho and HAN, Byung Wook,		
respectively, have invented certain new and useful improvements in:			
METHOD AND APPARATUS FOR DETECTING RADIO SIGNAL			
for which an application for Letters Patent was executed on			
(Application No.		, Filed	
), and			
WHEREAS,	LG ELECTRONICS INC. and POSTECH ACADEMY-INDUSTRY FOUNDATION		
having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea and San31, Hyoja-dong, Nam-gu Pohang-si, Gyeongbuk 790-784, 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.

12FCCM1045US01

Docket No.:

Long & Aldridge LLP
Attorneys At Law

Date: 2012/8/23

김기준

(Signature of Inventor)
KIM, Ki Jun

Date:

(Signature of Inventor)
CHO, Joon Ho

Date:

(Signature of Inventor)
HAN, Byung Wook

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

Electronics

Assignment of Application

WHEREAS, I (WE)	KIM, Ki Jun; CHO, Joon Ho and HAN, Byung Wook,		
respectively, have invented certain new and useful improvements in:			
METHOD AND APPARATUS FOR DETECTING RADIO SIGNAL			
for which an application for Letters Patent was executed on			
(Application No.		, Filed	
), and			
WHEREAS,	LG ELECTRONICS INC. and POSTECH ACADEMY-INDUSTRY FOUNDATION		
having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea and San31, Hyoja-dong, Nam-gu Pohang-si, Gyeongbuk 790-784, 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.

12FCCM1045US01

Date:

(Signature of Inventor)
KIM, Ki Jun

Date:

Aug. 27, 2012

(Signature of Inventor)
CHO, Joon Ho

Date:

(Signature of Inventor)
HAN, Byung Wook

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

Assignment of Application

WHEREAS, I (WE)	KIM, Ki Jun; CHO, Joon Ho and HAN, Byung Wook,		
respectively, have invented certain new and useful improvements in:			
METHOD AND APPARATUS FOR DETECTING RADIO SIGNAL			
for which an application for Letters Patent was executed on			
(Application No.		, Filed), and
WHEREAS,	LG ELECTRONICS INC. and POSTECH ACADEMY-INDUSTRY FOUNDATION		
having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea and San31, Hyoja-dong, Nam-gu Pohang-si, Gyeongbuk 790-784, 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.

Docket No.:

12FCCM1045US01

Date:


(Signature of Inventor)
KIM, Ki Jun

Date:

(Signature of Inventor)
CHO, Joon Ho

Date:

08/29/2013



(Signature of Inventor)
HAN, Byung Wook

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