

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Moonil LEE	11/03/2011
Jaehoon CHUNG	10/17/2011
Hyunsoo KO	10/17/2011
Seunghee HAN	10/17/2011
RECEIVING PARTY DATA	
Name:	LG Electronics Inc.
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13270349
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	001082-5067
NAME OF SUBMITTER:	Robert J. Goodell
Total Attachments: 4 source=001082-5067-Assignment#page1.tif source=001082-5067-Assignment#page2.tif source=001082-5067-Assignment#page3.tif source=001082-5067-Assignment#page4.tif	

CH \$40.00 13270349

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [LEE, Moonil; CHUNG, Jaehoon; KO, Hyunsoo and HAN, Seunghee have made an invention entitled:

METHOD AND USER EQUIPMENT FOR TRANSMITTING UPLINK SIGNAL, AND METHOD AND BASE STATION FOR RECEIVING UPLINK SIGNAL

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on October 11, 2011, (Serial No. 13/270349); and

WHEREAS, LG ELECTRONICS INC., a corporation of Korea, whose post office address is 20 Yeouido – dong, Yeongdeungpo-gu, Seoul 150-721 Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

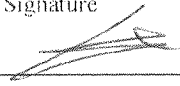
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor LEE, Moonil	Assignor's Signature	Date
Address LG Institute, #533 Hogye 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea
Full Name of Second Assignor CHUNG, Jaehoon	Assignor's Signature <i>Joe Heon Chung</i>	Date 11 Oct., 2011
Address LG Institute, #533 Hogye 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea
Full Name of Third Assignor KO, Hyunsoo	Assignor's Signature <i>[Signature]</i>	Date 17th. OCT. 2011.
Address LG Institute, #533 Hogye 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea

Full Name of Fourth Assignor HAN, Seunghce	Assignor's Signature 	Date 19.oct.2011
Address LG Institute, #533 Hogye 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [LEE, Moonil; CHUNG, Jaehoon; KO, Hyunsoo and HAN, Seunghee have made an invention entitled:

METHOD AND USER EQUIPMENT FOR TRANSMITTING UPLINK SIGNAL, AND METHOD AND BASE STATION FOR RECEIVING UPLINK SIGNAL

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on October 11, 2011, (Serial No. 13/270349); and


WHEREAS, LG ELECTRONICS INC., a corporation of Korea, whose post office address is 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No._____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor LEE, Moonil	Assignor's Signature 	Date Nov. 7, 2011
Address LG Institute, #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea
Full Name of Second Assignor CHUNG, Jaehoon	Assignor's Signature	Date
Address LG Institute, #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea
Full Name of Third Assignor KO, Hyunsoo	Assignor's Signature	Date
Address LG Institute, #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea

Full Name of Fourth Assignor HAN, Seunghee	Assignor's Signature	Date
Address LG Institute, #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 Korea		Citizenship Republic of Korea