

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ja Ho KOO	08/29/2010
Wook Bong LEE	08/13/2010
Dong Cheol KIM	08/13/2010
Bin Chul IHM	08/13/2010
Hyun Soo KO	08/13/2010

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:	12920171

CORRESPONDENCE DATA

Fax Number: (202)739-3001
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Correspondent Name: Robert J. Gaybrick
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 Address Line 4: Washington, DISTRICT OF COLUMBIA 20004

ATTORNEY DOCKET NUMBER:	001082-5010
NAME OF SUBMITTER:	Robert J. Goodell

Total Attachments: 3
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**PATENT
 REEL: 024908 FRAME: 0016**

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ATTORNEY DOCKET NO.:
SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD OF TRANSMITTING MULTICAST AND BROADCAST SERVICE DATA

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

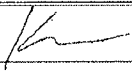
WHEREAS, LG Electronics Inc., a corporation of Korea, whose post office address is 20 Yeouido-dong Yeongdeungpo-gu Seoul 150-721 Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United 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.
12/920,171
Aug. 30, 2010

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

Full Name of Sole or First Assignor KOO, Ja Ho	Assignor's Signature 	Date 2010. 8. 27
Address LG Institute Hogye 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Full Name of Second Assignor LEE, Wook Bong	Assignor's Signature	Date
Address LG Institute Hogye 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

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SOLE/JOINT INVENTION
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ASSIGNMENT

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

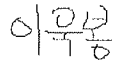
WHEREAS, LG Electronics Inc., a corporation of Korea, whose post office address is 20 Yeouido -dong Yeongdeungpo-gu Seoul 150-721 Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United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

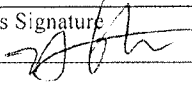


AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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.
12/920,171 filed Aug. 30, 2010

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

Full Name of Sole or First Assignor KOO, Ja Ho	Assignor's Signature	Date
Address LG Institute Hogye 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Full Name of Second Assignor LEE, Wook Bong	Assignor's Signature 	Date 3th Aug. 2010
Address LG Institute Hogye 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.:
SOLE/JOINT INVENTION
(U.S. Rights Only)

Full Name of Third Assignor KIM, Dong Cheol	Assignor's Signature 	Date Aug 13th 2010
Address LG Institute Hogue 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Full Name of Fourth Assignor IHM, Bin Chul	Assignor's Signature 	Date Aug 13, 2010
Address LG Institute Hogue 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Full Name of Fifth Assignor KO, Hyun Soo	Assignor's Signature 	Date Aug. 13th 2010
Address LG Institute Hogue 1(il)-dong Dongan-gu Anyang-si Gyeonggi-do 431-749 Korea		Citizenship Republic of Korea
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		