Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Young-Dae LEE	12/11/2009
Sung-Duck CHUN	12/08/2009
Sung-Jun PARK	12/08/2009
Seung-June YI	12/08/2009

RECEIVING PARTY DATA

Name:	LG Electronics Inc.	
Street Address:	eet Address: 20, Yeouido-Dong, Yeongdeungpo-Gu	
City: Seoul		
State/Country: REPUBLIC OF KOREA		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12665243

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0630-4091PUS1
NAME OF SUBMITTER:	Esther H. Chong

Total Attachments: 4

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PATENT 501052016 REEL: 023709 FRAME: 0522

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PATENT REEL: 023709 FRAME: 0523

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	. 12/665,243	Filed	December 17, 20	09	
Insert Name(s) of Inventor(s)	***(Glyen Name FAMILY NAME (ALT. CAPS))***				
	WHEREAS, Young Dae LEE; Sung Duck Cl designated as the undersigned) has (have) inven	ned celtátů l	new and useful improvements in	7:	
Insert Title of Invention	METHOD FOR TRANSMITTING/RECEIVING TERMINAL THEREOF	VG BROAD	CAST OR MULTICAST SEI	RVICE AND	
	for which an application for Letters Patent of undersigned (except in the case of a provisional	the United Sapplication)	States of America has been exe	cuted by the	
Insert Date of Signing of	on 11/12/2009		and		
Application Insert Name of Assignee	WHEREAS, LG Electronics Inc.				
Insert Address of Assignee	of 20, Yeouido-Dong, Yeongdeungpo-Gu, Scoul, Republic of Korea				
CHECK BOX IF APPROPRIATE	its heirs; successors, legal representatives and associations the entire right, title and interest in that may be granted therefor in the United States	igns (herein	after designated as the Assigned	ers Patent(s)	
	NOW, THERBFORE, in consideration of the suppaid, the receipt of which is hereby acknowled undersigned has (have) sold; assigned and transferent said Assignee the full and exclusive right to territories, dependencies and possessions and the Patent(s) which may be granted therefor in the Unpossessions, and if the box above is designated, in	ried, and by the said inv attre right, t	ther good and valuable considerable the considerable presents does sell, assign the United States of a little and interest in and to any an	leration, the and transfer America, its	
	and to any and all divisions, reissues, continuation or terms for which the same may be granted.	is, conversio	ons and extensions flicreof for t	he full term	

REEL: 023709 FRAME: 0524

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to yest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kofasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Parent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/12/2009	Name of Inventor Young Date LEE (signature) Young Date LEE	
Date	Name of Inventor (signature) Sung-Duck CHUN	,154 -1 14
Date	Name of Inventor (signature) Sung-Jun PARK	
*Date	Name of Inventor (signature) Seung-Tüne YI	v a
Date:	Name of Inventor (signature)	(tildræ
Datëf	Name of Inventor (signature)	

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No.	12/665,243	Filed _	December 1	7,	2009
	Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***				
Insert Title of Invention		WHEREAS, Young-Dae LEE; Sung-Duck CHUN; Sung-Jun PARK; and Seung-June YI hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:				e YI hereinafter s in:
		METHOD FOR TRANSMITTING/RECEIVING BROADCAST OR MULTICAST SERVICE AND TERMINAL THEREOF				
		for which an application for Letters Patent of undersigned (except in the case of a provisional	the United St application)	ates of America has t	been a	executed by the
	Insert Date of Signing of	on 8.12.2009			an	d
Application Insert Name		WHEREAS, LG Electronics Inc.				
	Insert Address of Assignee	of 20, Yeouido-Dong, Yeongdeungpo-Gu, Seou	l, Republic o	f Korea		
СНЕСК ВОХ	CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignce) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.				
		NOW, THEREFORE, in consideration of the supaid, the receipt of which is hereby acknowle undersigned has (have) sold, assigned and transferunto said Assignee the full and exclusive right to territories, dependencies and possessions and the Patent(s) which may be granted therefor in the Unpossessions, and if the box above is designated, in	dged, and othered, and by to the said investible, the thire right, the tited States of	ner good and valuable hese presents does sel- ention in the United State and interest in and the America, its tarritarion	le con I, assi Itates	sideration, the gn and transfer of America, its
		and to any and all divisions, reissues, continuatio or terms for which the same may be granted.	ns, conversion	ns and extensions ther	reof fo	or the full term

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	,	Name of Inventor	(signature) Young-Dae LEE
Date	Entzigard.	Name of Inventor	Signature) Sung-Duck CHUN
Date	8.12.2009	Name of Inventor	Sung Jun Park (signature) Sung-Jun PARK
Date	f. 12 , 2009	Name of Inventor	Signature) Soung-June YI
Date	,	Name of Inventor	(signature)
Date	· · · · · · · · · · · · · · · · · · ·	Name of Inventor	(signature)

Birch, Stewart, Kolasch & Birch, LLP

JTE/CDW/jg

RECORDED: 12/28/2009