PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hyen-O OH	03/31/2010
Alexis FAVROT	07/27/2010
Christof FALLER	07/15/2010
Myung Hoon LEE	03/31/2010
Jong Ha MOON	03/31/2010

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:	12719388

CORRESPONDENCE DATA

Fax Number: (703)205-8050

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-205-8000 Email: amatr@bskb.com

Correspondent Name: Birch, Stewart, Kolasch & Birch, LLP

Address Line 1: P.O. Box 747

Address Line 4: Falls Church, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0465-2476PUS1
NAME OF SUBMITTER:	Esther H. Chong

PATENT REEL: 024866 FRAME: 0509

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Total Attachments: 6
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PATENT REEL: 024866 FRAME: 0510

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

ASSIGNMENT

Application No.	12/719,388	Filed March 8, 2010	
Insert Name(s)	***(Giyen I	Name Family Name (all Caps))***	
of Inventor(s)	WHEREAS, Hyen-O OH; Alex (hereinafter designated as the in:	is FAVROT; Christof FALLER; Myung Hoon LEE; and Jong undersigned) has (have) invented certain new and useful important the control of the con	Ha MOON provements
Insert Title	AN APPARATUS FOR PROC	CESSING AN AUDIO SIGNAL AND METHOD THEREOF	
of Invention	for which an application for I undersigned (except in the case	etters Patent of the United States of America has been exece of a provisional application)	uted by the
Insert Date		010, July 15 and July 27, 2010	; and
of Signing of Application Insert Name	WHEREAS, LG Electronics	Inc.	_
of Assignee Insert Address	of 20, Yeouido-Dong, Yeongo	ieungpo-Gu, Seoul 150-721, Republic of Korea	
of Assignee	its heirs, successors, legal redesirous of acquiring the entir	epresentatives and assigns (hereinafter designated as the A re right, title and interest in and to said invention and in and to therefor in the United States of America and	Assignee) is any Letters
CHECK BOX IF APPROPRIATE	x in any foreign countries	3.	mad in hand
II MUNAMINE	paid, the receipt of which is undersigned has (have) sold, transfer unto said Assignee t America, its territories, deper any and all Letters Patent(s, territories, dependencies and countries;	sideration of the sum of Ten Dollars (\$10.00) to the undersign increby acknowledged, and other good and valuable consignation, assigned and transferred, and by these presents does sell the full and exclusive right to the said invention in the United and possessions and the entire right, title and interest which may be granted therefor in the United States of possessions, and if the box above is designated, in any and	, assign and ted States of est in and to America, its d all forcign
	and to any and all divisions, term or terms for which the sa	, reissues, continuations, conversions and extensions thereof ame may be granted.	f for the full

Attorney Docket No. 0465-2476PUS1

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 Putent(s) or reissue putent 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 not 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 ucts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignce and to vest all rights therein hereby convoyed to said Assignce 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(n) 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, 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 wherenf, executed by the undersigned on the date(s) opposite the undersigned name(s).

7. // 7m.10	Name of Inventor
Date 31. Mar 2010.	(signature) Hyen-O OH
Dnte ,	Name of Inventor
7/11/0	(signature) Alexis FAVROT
Date	Name of Inventor (signature) Christof FALLER
a) U., 2010	M A
Date 31, Mar. 2010	Name of Inventor (signature) Myung Hoon LEB Name of Inventor (signature) Jong Ha MOON
Dille 31, Mar, 2010	Name of inventor
	(oruntargia) MOOM all gnot (oruntargia)

Page 2 of 2

Birch, Slewert, Kolnuch & Birch, LLP

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PATENT REEL: 024866 FRAME: 0512

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No.	12/719,388		ed March 8, 2010	
Insert Name(s)	***(Giv	en Name FAMILY NAME (AL	L CAPS))***	
of Inventor(s)	WHEREAS, Hyen-O OH; A (hereinafter designated as t in:	Lexis FAVROT; Christof FA the undersigned) has (have)	LLER; Myung Hoon LEE; and Jong invented certain new and useful in	g Ha MOON nprovements
Insert Title	AN APPARATUS FOR PR	OCESSING AN AUDIO SI	GNAL AND METHOD THEREOF	
of Invention	for which an application for undersigned (except in the	or Letters Patent of the Unit case of a provisional applica	ted States of America has been exection)	cuted by the
Insert Date	on March	31, 2010, July 15	and July 27, 2010	; and
of Signing of Application Insert Name of Assignee Insert Address of Assignce CHECK BOX IF APPROPRIATE	its heirs, successors, lega desirous of acquiring the er Patent(s) that may be grant in any foreign country. NOW, THEREFORE, in c paid, the receipt of which undersigned has (have) so transfer unto said Assigne America, its territories, de any and all Letters Patenterritories, dependencies a countries;	ngdeungpo-Gu, Seoul 150-7 il representatives and assigntire right, title and interest led therefor in the United Staries. consideration of the sum of in is hereby acknowledged, old, assigned and transferre the full and exclusive right pendencies and possessions of the sum of the sum of the sum of the full and exclusive right pendencies and possessions of the sum of the su	ns (hereinafter designated as the in and to said invention and in and	igned in hand ideration, the Il, assign and ited States of rest in and to America, its nd all foreign

Page 1 of 2

Birch, Stewart, Kolosch & Birch, LLP

Attorney Docket No. 0465-2476PUSI

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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 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 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.

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

Date	,	Name of Inventor
Date 97/07/2010	,	(signature) Hyen-O OH Name of Inventor
		4signature) Alexis FAVROT
Date	,	Name of Inventor
		(signature) Christof FALLER
Date		Name of Inventor
	•	(signature) Myung Hoon LEE
Date	,	Name of Inventor
		(signature) Iong Ha MOON

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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		2010, July 15 and July 27, 2010	; and
Insert Date of Signing of Application	on		
Insert Name of Assignee	WHEREAS, LG Electronics I		
Insert Address	of 20, Yeouido-Dong, Yeongdo	eungpo-Gu, Seoul 150-721, Republic of Korea	
of Assignce	desirous of acquiring the entire Patent(s) that may be granted the	presentatives and assigns (hereinafter designated as the As right, title and interest in and to said invention and in and to a nerefor in the United States of America and	signee) is any Letters
CHECK BOX IF APPROPRIATE	x in any foreign countries.	u con and a state of the secondarian	od In band
II AIT NOT NAVE	paid, the receipt of which is undersigned has (have) sold, transfer unto said Assignee th America, its territories, depen any and all Letters Patent(s) territories, dependencies and countries;	deration of the sum of Ten Dollars (\$10.00) to the undersign hereby acknowledged, and other good and valuable conside assigned and transferred, and by these presents does sell, we full and exclusive right to the said invention in the United dencies and possessions and the entire right, title and interest which may be granted therefor in the United States of A possessions, and if the box above is designated, in any and	assign and d States of t in and to merica, its all foreign
	and to any and all divisions, term or terms for which the sa	reissues, continuations, conversions and extensions thereof me may be granted.	for the full

Attorney Docket No.

0465-2476PUS1

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

Date _		Name of Inventor (signature) Hyen O OH
Date _		Name of Inventor (signature) Alexis FAVROT
Date _	15 July 2010.	Name of Inventor (signature) Christof FALLER
Date _	· · · · · · · · · · · · · · · · · · ·	Name of Inventor (signature) Myung Hoon LEE
Date	,	Name of Inventor
-		(signature) Jong Ha MOON

Page 2 of 2

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RECORDED: 08/20/2010