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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jin Soo CHOI	06/30/2009
Han Gyu CHO	06/30/2009
Bin Chul IHM	06/30/2009

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:	12496155

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: mary.m.mejia@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:	0465-2251PUS1
NAME OF SUBMITTER:	Esther H. Chong

Total Attachments: 2

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REEL: 022913 FRAME: 0369

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No.	12/496,155	Filed _	July 1, 2009	·
Insert Name(s) of Inventor(s)	***(Given Name FAMII	`		
	WHEREAS, Jin Soo CHOI, Han Gyu undersigned) has (have) invented certain n	CHO and Bin ew and useful imp	Chul IHM; (hereinafter designovements in:	nated as the
Insert Title of Invention		TY FOR WIRE It of the United S	DD HAVING IMPROVED LESS COMMUNICATIONS tates of America has been exe	cuted by the
Insert Date	onJune 30,	2009		; and
of Signing of Application Insert Name of Assignee	WHEREAS, LG Electronics Inc.	: :		
Insert Address of Assignee	of 20, Yeouido-dong, Yeongdeungpo-gu,	Seoul, Republic	of Korea 150-721	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representative desirous of acquiring the entire right, title Patent(s) that may be granted therefor in the in any foreign countries.	and interest in and	I to said invention and in and to	Assignee) is any Letters
	NOW. THEREFORE, in consideration of paid, the receipt of which is hereby acknundersigned has (have) sold, assigned ar transfer into said Assignee the full and experica, its territories, dependencies and any and all Letters Patent(s) which may territories, dependencies and possessions, countries;	nowledged, and of ad transferred, an exclusive right to possessions and be granted ther	ther good and valuable considered by these presents does sell the said invention in the Unit the entire right, title and interest or in the United States of	deration, the , assign and ted States of est in and to America, its
	and to any and all divisions, reissues, cotterm or terms for which the same may be g	ntinuations, conv	ersions and extensions thereof	for the full

REEL: 022913 FRAME: 0370

Attorney Docket No.

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 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.

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 Jun 30,2009,	Name of Inventor
	(signature) Jin Soo CHOI
Date	Name of Inventor w& M
,	(signature) Han Gyu CHO
Date June 30, 200,	Name of Inventor Quillan
1	(signature) Bin Chul IHM

RECORDED: 07/06/2009

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