PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gene Beck HAHN	09/29/2009
Yong Ho KIM	09/30/2009
Ki Seon RYU	09/29/2009

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:	12596366

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NAME OF SUBMITTER:	Esther H. Chong

Total Attachments: 2

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PATENT

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No.	12/596,366	Filed _	10/16/09	_
Insert Name(s) of Inventor(s)	***(Given Name	FAMILY NAME (ALL CA	PS))***	
	WHEREAS, HAHN, Gene Be the undersigned) has (have) invented		Ryu, Ki Seon(hereinafter designated as improvements in:	
Insert Title of Invention	METHOD FOR PERFORMING COMMUNICATION SYSTEM		IG IN WIRELESS	
,	for which an application for Letters undersigned (except in the case of a		tates of America has been executed by th	e
Insert Date of Signing of	on 09/29/09; 09/30/	09; 09/29/09	; and	
Application Insert Name WHEREAS, LG Electronics Inc. of Assignee				
Insert Address of Assignee	of 20, Yeouido-dong, Yeongder	ungpo-gu, Seoul 150-	721 Republic of Korea	
CHECK BOX		t, title and interest in and	nereinafter designated as the Assignee) if to said invention and in and to any Letter f America and	
IF APPROPRIATE	paid, the receipt of which is hereby undersigned has (have) sold, assign transfer unto said Assignee the full America, its territories, dependenciany and all Letters Patent(s) which	by acknowledged, and of ned and transferred, ar I and exclusive right to es and possessions and the may be granted ther	Pollars (\$10.00) to the undersigned in han other good and valuable consideration, that by these presents does sell, assign and the said invention in the United States of the entire right, title and interest in and the terror in the United States of America, in above is designated, in any and all foreigns.	ne nd of to ts
	and to any and all divisions, reissu term or terms for which the same ma		ersions and extensions thereof for the fu	111

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 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 2009. 9. 49	Name of Inventor
	(signature) HAHN, Geno Beck
Date 2009. 9.30,	Name of Inventor (signature) XIM, Yong Ho
Date 2005, 9,29,	Name of Inventor (signature) Ryu, Ki Seon