PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seung Jin AHN	05/24/2011
Sang Woo KIM	05/24/2011
Sang Won KWON	05/24/2011
Won Yong YOON	05/24/2011

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:	13132814

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: morgans@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: 5438-0229PUS1

NAME OF SUBMITTER: Esther H. Chong

Total Attachments: 2

source=2011-06-06 Assignment 5438-0229PUS1#page1.tif source=2011-06-06 Assignment 5438-0229PUS1#page2.tif

131328

. \$40.00

PATENT REEL: 026396 FRAME: 0697

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

ASSIGNMENT

Application No.	13/132,814	Filed _	6/3/2011	
Insert Name(s) of Inventor(s)	***(Given N	ame FAMILY NAME (ALL CA	PS))***	
			N, Sang Won and YOON, Won Yong ted certain new and useful improvements	
Insert Title of Invention	METHOD AND APPARATUS SYSTEM	FOR PERFORMING RANI	DOM ACCESS IN A MULTI-CARRIER	
	for which an application for Loundersigned (except in the case		tates of America has been executed by the	
Insert Date of Signing of	on5/24/2011		; and	
Application Insert Name	WHEREAS, LG ELECTRONICS INC.			
of Assignee	of 20 Yeouido-dong Yeongdeur	ngpo-gu Seoul 150-721 Repu	blic of Korea	
CHECK BOX		right, title and interest in and	ereinafter designated as the Assignee) is I to said invention and in and to any Letters America and	
	paid, the receipt of which is hundersigned has (have) sold, a transfer unto said Assignee the America, its territories, depend any and all Letters Patent(s)	nereby acknowledged, and conssigned and transferred, and full and exclusive right to encies and possessions and which may be granted then	Pollars (\$10.00) to the undersigned in hand other good and valuable consideration, the d by these presents does sell, assign and the said invention in the United States of the entire right, title and interest in and to efor in the United States of America, its bove is designated, in any and all foreign	
	and to any and all divisions, reterm or terms for which the same		ersions and extensions thereof for the full	
		ssue applications thereof an	connection with this application and any d also to execute separate assignments in y or expedient.	
	declared concerning this applica	ition or continuation, divisio	n connection with any interference which on, conversion or reissue thereof or Letter ssignee in every way possible in obtaining	

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 execute all papers and documents and to perform any act which may be

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 2011, 5. 24	Name of Inventor(signature) AHN, Seung Jin
Date 2011. 5.24	Name of Inventor (signature) KIM, Sang Woo
Date 2011. \$. 24	Name of Inventor (signature) KWON, Sang Won
Date 2011. 5, 24	Name of Inventor (signature) YOON, Won Yong