MLA Version 10/01/08

RECORDAT.

08-12-2009

103570536

rm PTO-1595 (Rev. 09-08)

PATENTS ONLY				
To the Director or the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below			
Name of conveying party(ies):	Name and address of receiving party(ies)			
YI, Seung-June, PARK, Sung-Jun, LEE, Young-Dae, CHUN, Sung-Duck	Name: LG ELECTRONICS INC.			
Additional name(s) of conveying party(ies)	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No	Street 20 Yeouido-dong Address:			
3. Nature of Conveyance/Execution Date(s): X Assignment Merger	Yeongdeungpo-gu			
Security Agreement Change of Name	City: <u>Seoul</u>			
Joint Research Agreement	State:			
Government Interest Agreement	Country: Korea			
Other	Zip:			
Execution Date(s): July 28, 2009	Additional name(s) & Yes X No address(es) attached:			
This document is being filed together with a new at A. Patent Application No.(s): 12/457,651, filed June 17, 2009	B. Patent No.(s):			
Additional numbers attach	ed? Yes X No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: MCKENNA LONG & ALDRIDGE LLP	7. Total fee (37 CFR 3.41) \$ 40			
Internal Address: Atty. Dkt.: 8737.195.00	X Enclosed			
Street Address:	X Authorized to be charged to deposit account			
1900 K STREET, N.W.	None required (government interest not affecting title)			
	8. Deposit account number:			
City: State: Zip: WASHINGTON DC 20006	50-0911			
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Eric J. Nuss, Registration No.: 46,522 Name of Person Signing, Reg. No.	August 7, 2009 Signature Date			
Total number of pages including cover sheet, attachments, and documents: 5				

00/10/2009 LNGUYEN1 00000024 12457651

65 FC:8821

DC:506396194

Assignment of Application

WHEREAS,	I (WE)	CHUN, Su	,	ing-Jun, LEE, Yo	oung-Dae,
					, respectively,
have invented cert	ain new a	and useful im	provements in:		
	METH	OD FOR T	RANSMITTING	MAC PDUs	
for which an appli	cation for	r Letters Pate	ent was executed o	on 28/07	12009
(Application No.	12/457,	651	, Filed	June 17, 2009), and
WHEREAS,	LG EL	ECTRONIC	CS INC.		
(hereinafter referre 20, Yeouido-Dong				of business at:	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Page 1 of 2

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:		
	(Signature of Inventor)	
	YI, Seung-June	
Date:		
	(Signature of Inventor)	
	PARK, Sung-Jun	
	Courter DAE CEE	
Date: 25/07/2009	(Signature of Inventor)	
	LEE, Young-Dae	
Date:		
	(Signature of Inventor)	
	CHUN, Sung-Duck	
Date:		
	(Signature of Inventor)	

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Assignment of Application

WHEREAS,	I (WE)	YI, Seung-June, PARK, Sung-Jun, LEE, Young-Dae, CHUN, Sung-Duck					
						, respe	ctively,
have invented cert	ain new a	and useful in	nprovements in:				
	METH	OD FOR T	RANSMITTIN	G MAC	C PDUs		
for which an appli	cation for	r Letters Pate	ent was executed	on -	28-01-	2009	
(Application No.	12/457,	651	, Filed	June	17, 2009), and
WHEREAS,	LG EL	ECTRONIC	CS INC.				
(hereinafter referre 20, Yeouido-Dong				of busin	ness at:		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: $2\sqrt{3}-07-200$	Seing June Vi (Signature of Inventor)	
	(Signature of Inventor) YI, Seung-June	
Date: 28-07-2009	Sung Jun Park (Signature of Inventor)	
	PARK, Sung-Jun	
Date:		
	(Signature of Inventor) LEE, Young-Dae	
Date: 28 01 - 2009	SUNG DUCK CYUN	
	(Signature of Inventor) CHUN, Sung-Duck	
Date:		
	(Signature of Inventor)	-

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

PATENT REEL: 023082 FRAME: 0223

RECORDED: 08/07/2009