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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sung-Duck CHUN	02/27/2009
Seung-June YI	02/27/2009
Sung-Jun PARK	02/27/2009
Young-Dae LEE	02/27/2009

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
Street Address:	20, Yeouido-Dong, Yeongdeungpo-Gu	
City:	Seoul	
State/Country:	e/Country: REPUBLIC OF KOREA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12363007

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: cleggw@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:	0630-3695PUS1
NAME OF SUBMITTER:	Esther H. Chong

Total Attachments: 4

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> PATENT REEL: 022598 FRAME: 0390

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

ASSIGNMENT

Application No.	12/363,007	Filed	January 30, 2009	
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***			
.,	WHEREAS, Sung-Duck CHUN; designated as the undersigned) has	Seung-June YI; Sung-Ju (have) invented certain new	in PARK; Young-Dae LEE(hereinafter and useful improvements in:	
Insert Title of Invention	SYSTEM AND RECEIVER OF I	MOBILE TELECOMMUN s Patent of the United Stat	MOBILE TELECOMMUNICATIONS ICATIONS es of America has been executed by the	
Insert Date of Signing of Application	on 20/02/	2009	and	
Insert Name	WHEREAS, LG Electronics Inc.			
of Assignee Insert Address of Assignee	of 20, Yeouido-Dong, Yeongdeungpo-Gu, Seoul, Republic of Korea			
CHECK BOX	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.			
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;			
	and to any and all divisions, reissues or terms for which the same may be	s, continuations, conversion granted.	s and extensions thereof for the full term	

ATTORNEY DOCKET NO.0630-3695PUS1

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	27/02/2009	Name of Inventor	SVN 70WK CAUN (signature) Sung-Duck CHUN
Date	27/02/2009	Name of Inventor	Seury June V. (signature) Seung-June YI
Date	20102/2009,	Name of Inventor	Sung Tun Park (signature) Sung-Jun PARK
Date		Name of Inventor	(signature) Young-Dae LEE
Date	,	Name of Inventor	(signature)
Date	,	Name of Inventor	

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

ASSIGNMENT

Application No.	12/363,007	Filed	January 30, 2009
Insert Name(s) of Inventor(s)		AMILY NAME (ALL CAP	
, , , , ,	WHEREAS, Sung-Duck CHUN; designated as the undersigned) has (h	Seung-June YI; Sung-I ave) invented certain nev	un PARK: Young-Dae LEE(hereinafte v and useful improvements in:
Insert Title of Invention	5YSTEM AND RECEIVER OF MO	OBILE TELECOMMUN Patent of the United Sta	MOBILE TELECOMMUNICATIONS VICATIONS Ites of America has been executed by the
Insert Date of Signing of Application	on 17 (01/2019		and and
Insert Name of Assignee	WHEREAS, LG Electronics Inc.		
Insert Address of Assignes	of 20, Yeouida-Dong, Yeongdeungpo		
CHECK BOX	its helfs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and in said invention and in and to any Letters Patent(s) that may be guarted therefor in the United States of America and		
IF APPROPRIATE	x in any foreign countries.	Mark Mark In	
	paid, the receipt of which is hereby undersigned has (have) sold, assigned unto said Assignee the full and exclus- territories, dependencies and possessio	acknowledged, and oth and transferred, and by the live right to the said inve one and the entire right, the or in the United States of	llars (\$10.00) to the undersigned in hand or good and valuable consideration, the icse presents does sell, assign and transfer ntion in the United States of America, its ic and interest in and to any and all Letters America, its territories, dependencies and oreign countries;
	and to any and all divisions, relssues, or terms for which the same may be gr	continuations, conversion	is and extensions thereof for the full term

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REEL: 022598 FRAME: 0393

ATTORNEY DOCKET NO.0630-3695PUST

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 Assignes 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 dains 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.

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The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolaseh & 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	and the second s	Name of Inventor	(signature) Sung-Duck CHUN
Date		Name of Inventor	(signature) Scung-June YI
Date		Name of Inventor	(signature) Sung-Jun PARK
Date	Alarmon.	Name of Inventor	(Signature) Young-Dae LEE
Date	general and the second and the second	Name of Inventor	(signature)
Date	The state of the s	Name of Inventor	

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