		FORM PTO-1595	03-06-2009	U.S. DEPARTMENT OF COMMERCE
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	į	©2005 Staas & Halsey LLP		
	Į	To the Director of the U.S. Patent and Tra	103551096	ment.
	_1	Name of conveying parties:	100001090	
FE	May	Eun-Young KIM		
•	e_{2nc}	Young-Ju YEO		
AR O	3 10	Chang-Hwan HWANG		
Ver.	2.	Name and Address of receiving party	:	
M	A TP. N. S.	SAMSUNG ELECTRONICS CO.,	LTD.	
		416, Maetan-dong, Yeongtong-gu		
		Suwon-si, Gyeonggi-do 443-742	•	
		Republic of Korea		
υ Ω	3.	Nature of conveyance:		
)		X Assignment	Merger	
_		Security Agreement	Change of Name	e
7		Other: Execution Dates: February 24, 2009	P	
	4.	Application number(s) or patent numb This document is being filed toget		
		OR	• •	
		☐ This document is being filed after		
		(a) Patent Application No(s). 29/3(b) Patent No(s)., issued.	333,011, filed <u>March 2, 2009</u>	; or
	5.	Name and address of party to whom o	correspondence concerning	document should be mailed:
		STAAS & HALSEY LLP	Our Docket: 177	
		Attention: Sang Chul Kwon		
	•	1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005		•
		washington, D.C. 20005		
	6.	Total number of applications and pate	ents involved:1	,
	7.	Total fee (37 CFR 3.41)(\$ 40.00 per Patent or Applic	ation in Assignment)
		☐ Enclosed ☐ Authorized to be charged to d	lonosit account	
		_		
	8.	Deposit Account No.: 19-3935 (Any (Attach duplicate copy of this page if p		to be charged to this Deposit Account)
			^ س ر ۔	
		Chul Kwon, Registration No. 63,153		March 3, 2009
	Name	e of Person Signing	Signature	Date
			Total n	number of pages including cover sheet:
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				03/05/2009 MJAMA1 00000019 29333011

PATENT REEL: 022360 FRAME: 0245

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Our Docket No.: 1779.1503

U.S. ASSIGNMENT

COLL HAD

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

MOBILE PHONE	
relating to International Patent Application PCT/KR/	and/or for which application for Letters Patent of the United cuted, was:
(a) executed on ;	(insert date of execution of application, if not concurrent)
(b) filed on ,	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500)
Serial No. Not Yet Assigned ;	is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inv (Typed Name & Signature of Inventor(s))	entor(s) has (have) affixed his/her (Date)	neir signature(s). (Typed Name & Signature of Witness(es))
1) Eun Young Kim.	Teb. 24, 2009	
Eun-Young KIM 2) Young - Ju Yeo	Feb. 24, 2009	
2) Young - Ju Yeo Young-Ju YEO 3) Chang flevan	Fob. 24, 2009	
Chang-Hwan HWANG 4)		
5)	-	
6)		
7)		

PATENT REEL: 022360 FRAME: 0246

RECORDED: 03/03/2009