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	FORM PTO-1595				U.S. DEPARTMENT OF COMME
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	To the Director of the U.S. Patent and Tr.	103	233931	ument.	
1.	Name of conveying parties:				
	Sung-Kwon KIM				2,
	Sang-Min HYUN				<u>``</u>
)	Chang-Soo LEE				U.S
2.	Name and Address of receiving parties	S :			13006 U.S
	SAMSUNG ELECTRONICS CO., L 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea	.TD.			113
3.	Nature of conveyance:				
	X Assignment		erger		
	Security Agreement Other:	Ch	nange of Name		
	Execution Date: April 6, 2006				
4.	Application number(s) or patent number This document is being filed togeth OR		v application.		
	 This document is being filed after file (a) Patent Application No(s). , file (b) Patent No(s). , issued . 		oplication:		
5.	Name and address of party to whom co STAAS & HALSEY LLP Attention: <u>William F. Herbert</u> 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005		ce concerning do ur Docket: <u>1779</u>		ld be mailed:
6.	Total number of applications and pater	nts involved:	_1		
7.	Total fee (37 CFR 3.41)(\$	40.00 per P	atent or Applicat	ion in Assiann	nent)
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	Authorized to be charged to de	eposit accoun	nt.		
8.	Deposit Account No.: 19-3935 (Any u (Attach duplicate copy of this page if page)	inderpaymen aying by depo	nt is aut horize d to osit account)	be charged t	o this Deposit Accou
Willia	ım F. Herbert , Reg. No. 31,024				May 3, 2006
	e of Person Signing	Sign	ature		ate
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PATENT REEL: 017832 FRAME: 0783

Docket No. 1779.1175

U.S. ASSIGNMENT

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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)

relating to International Patent Application PCT/KR / and/or for which application for Letters Patent of the United States executed on even date herewith or, if not so executed, was: (a) executed on; (Insert date of execution of application, if not concurrent) (b) filed on . Serial No.; Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) 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, rener 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), where requested by said ASSIGNEE and without charge to but at the expense of said ASSIGN to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection 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 declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declared	Title of invention)	
(a) executed on even date herewith or, if not so executed, was: (b) filed on . (b) filed on . (c) Serial No.: Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. The Assignormal 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 ASSIGN to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection 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	MOBILE PHONE	
Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) 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, renessubstitute, 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 ASSIGNE do do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection 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		and/or for which application for Letters Patent of the United States was:
Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) 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, rener 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 ASSIGN do do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection 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	(a) executed on ;	(Insert date of execution of application, if not concurrent)
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 ASSIGN to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection 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		Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is
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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

1) Sung kwon kim

Sung-Kwon Kim

April 6, 2006

Sang-Min Hyun

3) April 6, 2006

Chang-Soo LEE

4)

6)

6)

PATENT REEL: 017832 FRAME: 0784