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	To the Director of the U.S. Patent and demai 103503510
1.	Name of conveying party(ies): Ki-wan EOM
	Jae-won LEE
	Jung-eun KIM
2.	Name and Address of receiving party(ies) SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea
3.	Nature of conveyance:
	X Assignment Merger
	Security Agreement Change of Name Other:
	Execution Date(s): May 9, 2008
4	The second secon
	This document is being filed together with a new application. OR
	☐ This document is being filed after filing of the application:
	(a) Patent Application No(s). <u>12/076,280</u> , filed <u>March 14, 2008</u> ; or
	(b) Patent No(s)., issued.
5	3
	STAAS & HALSEY LLP Our Docket: 1901.1264
	Attention: <u>Gene M. Garner, II</u> 1201 New York Ave., N.W., 7th Floor
	Washington, D.C. 20005
6	Total number of applications and patents involved:1
7	Total fee (37 CFR 3.41)(\$ 40.00 per Patent or Application in Assignment)
	Authorized to be charged to deposit account.
8	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
	(Attach duplicate copy of this page if paying by deposit account)

<u>Gene M. Garner, II, Reg. No. 34,172</u> Name of Person Signing

Date

Total number of pages including cover sheet: 2

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Revised January, 2005

Docket No.: 1901.1264

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 Republic of Korea

(nereinafter, "ASSIGNEE"), the receipt of which is hereby asknowledged, 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 P States was executed on even date herewith	CT/KR/and/or for which application for Letters Patent of the United or, if not so executed, wee:
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on March 14, 2008, Serial No. 12/076,280;	Any registered attorney of STAAS & HALSEY UP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202434-1500) is hereby authorized to insert in (b) the specified data, when known,
and to said application and all Letters Pater rendwel, substitute, reissue or reexaminatio	t(e) of the United States granted on said application and any continuation, division, n 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, hereinsiter, "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 sets 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, release, reexamination, or public use proceeding, and in any Higation or other legal proceeding which may grise at be declared in relation to same, such sate to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful ouths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (heve) affixed his/her/first signature(s).

(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(#1))
1) Ki-wan BOM	9/May/2008	
Ki-wan EOM 2) Tanalas	9/May/2008	The state of the s
2) Jae-won LEE 3) Jung-eun KIM	9/May/2008	
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PATENT REEL: 020971 FRAME: 0311

RECORDED: 05/12/2008