U.S. PTO 12/923864

	FORM PTO-1595 RE 10 05 0010 U.S. DEPARTMENT OF COMMERCE		
	10-25-2010		
	©2005 Staas & Halsey LLP To the Director of the U.S. Patent and Trader		
1.	Name of conveying party(ies): 103609608 1) Young Ran HAN 2) Seung Sin LEE 3) Du-Sik PARK		
2.	Name and Address of receiving party(ies):		
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea		
3.	Nature of conveyance: X		
4.	Application number(s) or patent number(s): This document is being filed together with a new application. This document is being filed after filing of the application: (a) Patent Application No(s)., filed; or (b) Patent No(s)., issued.		
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1911.1301 Attention: Paul F. Daebeler 1201 New York Ave., N.W., Suite 700 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) ☑ Enclosed ☐ 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)		
	F. Daebeler, Reg. No. 35,852 e of Person Signing Signature October 12, 2010 Date		
	Total number of pages including cover sheet: 2		

10/13/2010 EEKUBAY1 00008058 12923864 04 FC:8021 40.00 OP

PATENT REEL: 025193 FRAME: 0489

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U.S. ASSIGNMENT

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

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

SAMSUNG ELECTRONICS CO., LTD. 418, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Kores

RECORDED: 10/12/2010

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

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S APPARATUS AND METHOD		
/ and/or for which application for Letters Patent of the United so executed, was:		
(Insert date of execution of application, if not concurrent)		
Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Weshington, D.C. 20005 (202/434-1500) is		
hereby authorized to insert in (b) the specified data, when known.		
United States greated on sold application and any continuation division cansw		

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, release 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 dearn 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 titigation 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 paths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned in (Typed Name & Signature of Inventor(s))	ventor(s) has (have) affixed his/ (Date)	her/their signature(s). (Typed Name & Signature of Witness(es))
Young Ran HAM	206.10.11	
2)_ Lad If L-	2010.10.11	
Seung Sin LEE 3) Du-Sik PARK	2010.10.[]	
4)		
5)		
6)	<u> </u>	
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