Docket No.: SEC.1738 FORM PTO-1595 (Modified) **HEET** U.S. DEPARTMENT OF COMMERCE 12-11-2006 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Director of the United States . a.c., and 103346523 reason over the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Sang-Gu KANG Young-Ho LIM Name: Samsung Electronics Co., Ltd. 416, Maetan-dong, Yeongtong-gu, Suwon-si Address: Yes X No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger Assignment City: Gyeonggi-do ☐ Security Agreement ☐ Change of Name State/Prov.: Other Country: Republic of Korea ZIP: Execution Date: November 22, 2006 ⊠ No Additional name(s) & address(es) ☐ Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: November 22, 2006 Patent Application No. Filing date B. Patent No.(s) **NEW** December 4, 2006 ☐ Yes ☒ No Additional numbers Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: BENJAMIN P. WESTOVER 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 56,612 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS & WHITT, PLLC Authorized to be charged to deposit account ONE FREEDOM SQUARE 8. Deposit account number: 11951 FREEDOM DRIVE, SUITE 1260 1607991 50-0238 City: RESTON State/Prov.: VA Country: USA ZIP: 20190 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE

Total number of pages including cover sheet, attachments, and document:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached cops is a true copy

9. Statement and signature.

of the original document.

BENJAMIN P. WESTOVER

Name of Person Signing

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

December 4, 2006

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REEL: 018642 FRAME: 0124

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable

	consideration paid to each of the undersigned					
Insert		-				
Name(s) of	1.	Sang-Gu Kang	5			
Inventor(s)						
	2.	Young-Ho Lim	6			
	3.		7			
	4.		8			
Insert Name(s) of Assignee(s) &	the undersigned hereby sell(s) and assign(s) to SAMSUNG ELECTRONICS CO., LTD.					
		416, Maetan-dong, Y				
Address(es)	of	Suwon-si, Gyeonggi-do, Republic of Korea				
Title of Invention						
	PROGRAMMING METHOD					
_			•			

Date of Signing of Application

for which an application for patent in the United States of America has been executed by the undersigned on November 22, 2006

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 continuing. division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

Page 1 of 2

name(s).

RECORDED: 12/04/2006

ATTORNEY	DOCKET NO.	SEC.1738
ALLUNINGI	DUCKEI NO.	3EC.1730

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20987</u> 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 United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned

Date	November 22, 2006	Signature of Inventor	Sang gu Kang Sang-Gu Kang			
Date	November 22, 2006	Signature of Inventor	Young-ho Can Young-Ho Lim			
Date		Signature of Inventor				
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Date		Signature of Inventor				
Date		Signature of Inventor				
Date		Signature of Inventor				
(Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.)						
	Witness					
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Applicant Reference No. ID-200601-012-1-US0						
		Page 2 of 2				

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