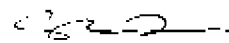


Q98553

MODIFIED Form PTO-1595 (Rev. 10/02)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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		Reg. No. 41,157		March 7, 2007	
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1. Name of conveying party(ies):  
Hee-sub SHIN  
Moon-sang KWON  
Chan-kyu KIM  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan 3-dong, Yeongtong-gu  
Suwon-si Gyeonggi-do  
Korea, Republic of  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):  
Execution Date(s): January 26, 2007, January 26, 2007,  
January 26, 2007  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

4. Application number(s) or patent number(s):  
A. Patent Application No.(s)  
Additional numbers attached?  Yes  No

This document is being filed together with a new application  
B. Patent No.(s)

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WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER  
02 01/2007 DBYRNE 00000142 11699461  
01 FC:8021 (40.00 DP)

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00  
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 Authorized to be charged to Deposit Account No. 19-4880.  
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 None required (government interest not affecting title)

8. Deposit Account Number:  
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9. Signature:  
/danylmexic/  
Daryl Mexic  
Reg. No. 23,063

January 30, 2007  
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PATENT

Docket No. Q9853  
For Non-U.S. Clients

### Assignment

Whereas, We, Hee-sub SHIN; Moon-sang KWON; and Chan-kyu KIM of Suwon-si, Republic of Korea, Seoul, Republic of Korea, and Seoul, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR MANAGING BLOCKS ACCORDING TO UPDATE TYPE OF DATA IN BLOCK-TYPE MEMORY and executed an application for Letters Patent of the United States of America therefor: on January 26, 2007; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, Confirmation number \_\_\_\_\_) the application number and filing date of said application when known.

Date: _____	<u>Hee-sub SHIN</u>	January 26, 2007
Date: _____	<u>Moon-sang KWON</u>	January 26, 2007
Date: _____	<u>Chan-kyu KIM</u>	January 26, 2007

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)