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Dong-Hoon YOO; Hee Seok KIM; Jeong Wook KIM; Soo Jung RYU

2. Name and address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong,
Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of KoreaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
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Execution Date: July 7, 2006

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 7, 2006

A. Patent Application No.(s)
UnknownB. Patent No.(s)
UnknownAdditional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

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Assignment

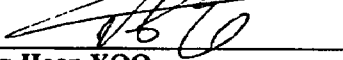
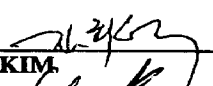
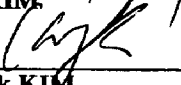
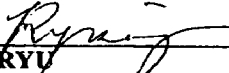
Whereas, We, **Dong-Hoon YOO** of Suwon-si, Republic of Korea, **Hee Seok KIM** of Seoul, Republic of Korea, **Jeong Wook KIM** of Seongnam-si, Republic of Korea, and **Soo Jung RYU** of Cheonan-si, Republic of Korea, hereinafter called assignors, have invented certain improvements in **METHOD AND APPARATUS FOR EFFICIENTLY PROCESSING ARRAY OPERATION IN COMPUTER SYSTEM** and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, **SAMSUNG ELECTRONICS CO., LTD.**, 416, Maetan-don, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, 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 _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date:		2006.07.07
	s/Dong-Hoon YOO	
Date:		2006.07.07
	s/Hee Seok KIM	
Date:		2006.07.07
	s/Jeong Wook KIM	
Date:		2006.07.07
	s/Soo Jung RYU	

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