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Patent and Trademark Office

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1. Name of conveying party(ies):

Sam Gat-Shang Chu, Daniel R. Knebel, Stephen V. Kosonocky

Additional name(s) of conveying party(ies) attached?

Yes X No**3. Nature of conveyance:**

X Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: June 2, 2006

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? Yes X 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:

A. Patent Application No.(s) 11/446,348, Filed June 2, 2006

B. Patent No.(s)

Additional numbers attached? Yes X No**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Paul J. Otterstedt

Internal Address: Ryan, Mason & Lewis, LLP

Street Address: 1300 Post Road, Suite 205

City: Fairfield State: CT ZIP: 06824

6. Total number of applications and patents involved: 1**7. Total Fee (37 CFR 3.41)..... \$ 40.00** EnclosedX Authorized to be charged to deposit account**8. Deposit account number 50-0510**

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9. Statement and signature.*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Paul J. Otterstedt

Reg. No. 37,411



Signature

August 9, 2006

Date

Total number of pages including cover sheet, attachments, and document: 5

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YOR920060049US1

700280680

PATENT
 REEL: 018085 FRAME: 0887

CH \$40.00 600610 11446348

Attorney Docket No.: YOR920060049US1

ASSIGNMENT

Whereas, we

Inventor
and City(1) **Sam Gat-Shang Chu**
County of Williamsonof Round Rock
and State of Texas(2) **Daniel R. Knebel**
County of Putnamof Mahopac
and State of New York(3) **Stephen V. Kosonocky**
County of Fairfieldof Wilton
and State of Connecticut

have invented certain improvements in

TITLE

**REGISTER FILE CELL WITH SOFT ERROR DETECTION AND
CIRCUITS AND METHODS USING THE CELL**

executed by me on even date herewith,

DATE THAT
INVENTORS
SIGNED THE
DECLARATION(1) 6/2, 2006 (2) _____, 2006 (3) _____, 2006

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor.

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY
DATE

Signed

(1) at Austin, TX

on 6/2, 2006,Sam Gat-Shang Chu
(Sam Gat-Shang Chu) INVENTOR

SIGNATURE

FIRST NAME

MIDDLE INITIAL

LAST NAME

Attorney Docket No : YOR920060049US1

CITY and Signed
DATE on (2) at Yorktown, NY _____ SIGNATURE
on _____, 2006, (Daniel R. Knebel) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and Signed
DATE on (3) at Yorktown, NY _____ SIGNATURE
on _____, 2006, (Stephen V. Kosonocky) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203) 255-6560

Attorney Docket No.: YOR920060049US1

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MIDDLE INITIAL

LAST NAME

Attorney Docket No.: YOR920060049US1

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FIRST NAME MIDDLE INITIAL LAST NAME

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DATE (3) at Yorktown, NY June 2, 2006, Stephen W Kosonocky INVENTOR SIGNATURE
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