FORM PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920050442US1

RECORDATION FORM COVER SHEET
PATENTS ONLY

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To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): John D. Irish Chad B. McBride Andrew H. Wottreng Additional names of conveying party(ies) attached? ☐ yes ☒ no	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: _____ _____ _____

3. Nature of Conveyance ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other _____ Execution Date: 02/07/2006	Street Address: __New Orchard Road__ City _____Armonk_____ State _____New York_____ Zip __10504__ Additional name(s) & address(es) attached? ☐ yes ☒ no

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

TITLE: PSEUDO LRU ALGORITHM FOR HINT-LOCKING DURING SOFTWARE AND HARDWARE ADDRESS TRANSLATION CACHE MISS HANDLING MODES

If this document is being filed together with a new application, the execution date of the application is _____.
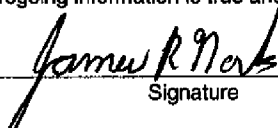
A. Patent Application No(s).   B. Patent No(s).

   Serial No. 11/348,971
   Docket No. ROC920050442US1

Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:
 	
James R. Nock, Attorney
IBM Corporation - Dept. 917
3605 Highway 52 North
Rochester, MN 55901-7829
	6. Total number of applications and patents involved: ___1___
	
	7. Total fee (37 CFR 3.41): $ _40.00_
	
	☐ Enclosed
	
	☒ Authorized to be charged to deposit account
	  ☒ Total fee due
	    ☒ Any deficiencies in the enclosed fees
	
	8. Deposit account number:
	
	  _09-0465_

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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.

James R. Nock, Reg. No. 42,937 Name of Person Signing	*James R Nock* Signature	_February 20, 2006_ Date

Total number of pages comprising cover sheet: _1_

CH $40.00 090465 11348971

Docket No. ROC920050442US1

ASSIGNMENT

Whereas, we

    (1)   John D. Irish   City of Rochester,
            County of Olmsted   and State of Minnesota,

    (2)   Chad B. McBride   City of Rochester,
            County of Olmsted   and State of Minnesota,

    (3)   Andrew H. Wottreng   City of Rochester,
            County of Olmsted   and State of Minnesota,

have invented certain improvements in

PSEUDO LRU ALGORITHM FOR HINT-LOCKING DURING SOFTWARE AND HARDWARE ADDRESS TRANSLATION CACHE MISS HANDLING MODES

and have executed, respectively, a United States patent application therefor on
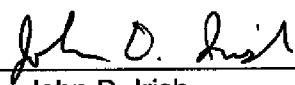
Dates Inventors
Signed
Declaration   (1) February 7 _____, 2006 (2) February 7 _____, 2006

               (3) February 7 _____, 2006

      And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at 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 invention 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.

Signed

Inventor (1)   at___Rochester, Minnesota___   _____   Inventor
                                        John D. Irish   Signature
            on__2/7_____, 2006.

Docket No. ROC920050442US1

Inventor (2)   at   Rochester, Minnesota   Inventor
                                                   Chad B. McBride   Signature

                on   2/7   , 2006.

Inventor (3)   at   Rochester, Minnesota   Inventor
                                                   Andrew H. Wottreng   Signature

                on   2/7   , 2006.

PATENT