10-04-1999

In place of Form PTO-1595

||||||||||||||||||||||||||||||||

Docket No. AT9-99-522

101160988

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

1. **Name of conveying party(ies):**	2. **Name and address of receiving party(ies):**
Sanjay Raghunath Deshpande, Peter Steven Lenk, and Michael John Mayfield, *MRD 9-23-99*	International Business Machines Corporation New Orchard Road Armonk, New York 10504

3. **Nature of conveyance:**

   X Assignment

Execution Date: 9-21-99

4. **Application number(s) or patent number(s):**   09/404,400

    If this document is being filed together with a new application, the execution date of the application is   9-21-99

    A. Patent Application No.(s)   B. Patent No.(s)

5. **Name and address of party to whom correspondence concerning document should be mailed:**	6. **Total number of applications and patents involved:** __1__

Mark E. McBurney IBM Corporation Intellectual Property Law Internal Zip 4054 11400 Burnet Road Austin, TX 78758 (512) 823-1003	7. **Total fee (37 CFR 3.41)** $ 40.00
	
	   X Authorized to be charged to deposit account
	
	 8. **Deposit account number:**
	
	     09-0447

DO NOT USE THIS SPACE

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.

MARK E. McBURNEY   Mark E. McB.   9/22/99

Name of Person Signing   Signature   Date

    Total number of pages including cover sheet: __2__

10/01/1999 MTHAI1   00000281 090447   09404400
01 FC:581   40.00 CH

PATENT
REEL: 010276 FRAME: 0524

A S S I G N M E N T

Whereas, we,

(1) <u>Sanjay Raghunath Deshpande</u>   of <u>Austin,</u>
County of <u>Travis</u>   and State of <u>Texas,</u>

and
(2) <u>Peter Steven Lenk</u>   of <u>Austin,</u>
County of <u>Travis</u>   and State of <u>Texas,</u>

and
(3) <u>Michael John Mayfield</u>   of <u>Austin,</u>
County of <u>Travis</u>   and State of <u>Texas,</u>

have invented certain improvements in

<u>**METHOD AND SYSTEM FOR IMPLEMENTING REMSTAT PROTOCOL UNDER INCLUSION AND NON-INCLUSION OF L1 DATA IN L2 CACHE TO PREVENT READ-READ DEADLOCK**</u>

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) September 21 *, 19* 99 *, and (2)* 9 - 21 *, 19* 99 *,
and (3)* 9 - 21 *, 19* 99 *.*

    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 therefore;

    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.

(1)   *Signed at* <u>Austin</u> *on* <u>September 21</u> *19* 99 *.*

                                          _____
                                        Sanjay Reghunath Deshpande

and (2) Signed at <u>AUSTIN</u> *on* <u>9-21</u> *, 19* 99 *.*

                                          _____
                                        Peter Steven Lenk

and (3) Signed at <u>AUSTIN</u> *on* <u>9 - 21</u> *, 19* 99 *.*

                                          _____
                                        Michael John Mayfield

Page 1 of 1