

**U.S. PATENT AND TRADEMARK OFFICE**

Form PTO 1595

U.S. Department of Commerce

**RECORDATION FORM COVER SHEET - PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a) Bin Jia g)
- b) Ellick C. Law h)
- c) Richard R. Treumann i)
- d) j)
- e) k)
- f) l)

More names attached? Y X N

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

Name: INTERNATIONAL BUSINESS MACHINES CORPORATION  
 Address: New Orchard Road  
 Armonk, NY 10504

More names attached? Y X N

3. Nature of Conveyance: X Assignment

4. Application number: 11/013,642 Filed: 12/16/2004

Filed with new application: Yes X No

Execution date(s):

- a) February 8, 2005 g) \_\_\_\_\_
- b) December 16, 2004 h) \_\_\_\_\_
- c) December 16, 2004 i) \_\_\_\_\_
- d) \_\_\_\_\_ j) \_\_\_\_\_
- e) \_\_\_\_\_ k) \_\_\_\_\_
- f) \_\_\_\_\_ l) \_\_\_\_\_

Additional numbers attached? Y X N

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

Name: Lawrence D. Cutter, Esq.  
 IBM Corporation  
 2455 South Rd., M/S P386  
 Poughkeepsie, NY 12601  
 Fax: (845) 432-9786

6. Total # of applications and patents involved: 1

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

8. Charge to Deposit Account: 09-0463 (IBM)

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.

SUSAN L. PHELPS

*Susan Phelps*  
 Signature

02/14/2005  
 Date

Total number of pages including cover sheet, attachments, and document: 3

Express Mail Label No. (if applicable):  
 Sent via Facsimile to PTO 703 306-5995 on the above date.

Docket No.: POU920040197US1

**PATENT**

A S S I G N M E N T

Whereas, We

|          |                     |                    |
|----------|---------------------|--------------------|
| Inventor | (1) BIN JIA         | of Poughkeepsie,   |
|          | County of Dutchess, | State of New York, |
| Inventor | (2) ELLICK C. LAW   | of Woodstock,      |
|          | County of Ulster    | State of New York, |

and

|          |                         |                    |
|----------|-------------------------|--------------------|
| Inventor | (3) RICHARD R. TREUMANN | of Highland,       |
|          | County of Ulster,       | State of New York, |

have invented certain improvements in

**Checkpoint/Resume/Restart Safe Methods in a Data Processing System to Establish, to Restore and to Release Shared Memory Regions**

and executed, respectively, a United States patent application therefore on

(1) 2/8/2005, (2) 12/16/2004, (3) 12/16/2004.

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, and, 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 and Trademarks 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.

Signed:

(1) at Poughkeepsie, NY  
 Add \_\_\_\_\_  
 Date: on 2/8/2005

  
 \_\_\_\_\_  
 BIN JIA

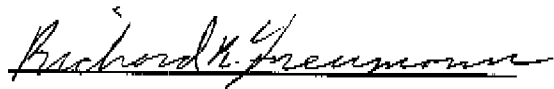
(2) at Poughkeepsie, NY  
 Add \_\_\_\_\_  
 Date: on 12/16/2004

  
 \_\_\_\_\_  
 ELLICK C. LAW

Docket No.: POU920040197US1

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(3) at Poughkeepsie, NY  
Add  
Date: on 12/16/2004



RICHARD R. TREUMANN