

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) Robert S. Blackmore
- b) Fu Chung Chang
- c) Piyush Chaudhary
- d) Jason E. Goscinski
- e) Rama K. Govindaraju
- f) Donald G. Grice
- g) Leonard W. Helmer, Jr.
- h) Peter H. Hochschild
- i) John S. Houston
- j) Steven J. Martin
- k)
- 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: 11/017,574 Filed: December 20, 2004

Filed with new application: Yes X No

Execution date(s):

- a) November 16, 2004
- b) November 16, 2004
- c) December 06, 2004
- d) December 19, 2004
- e) November 16, 2004
- f) November 30, 2004
- g) November 16, 2004
- h) December 10, 2004
- i) November 16, 2004
- j) November 16, 2004
- k)
- 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)

2 Assignments enclosed

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

Signature

03/29/2005

Date

Total number of pages including cover sheet, attachments, and document: 7

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

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A S S I G N M E N T

Whereas, We

- Inventor (1) Robert S. Blackmore of Poughkeepsie,
County of Dutchess, State of New York,
 - Inventor (2) Fu Chung Chang of Rhinebeck,
County of Dutchess, State of New York
 - Inventor (3) Piyush Chaudhary of Fishkill,
County of Dutchess, State of New York,
 - Inventor (4) Jason E. Goscinski of Redmond,
County of King, State of Washington,
 - Inventor (5) Rama K. Govindaraju of Hopewell Junction,
County of Dutchess, State of New York,
 - Inventor (6) Donald G. Grice of Gardiner,
County of Ulster, State of New York,
 - Inventor (7) Leonard W. Helmer Jr. of Stone Ridge,
County of Ulster, State of New York,
 - Inventor (8) Peter H. Hochschild of New York,
County of New York, State of New York,
 - Inventor (9) John S. Houston of Hopewell Junction,
County of Dutchess, State of New York,
- and
- Inventor (10) Steven J. Martin of Poughkeepsie,
County of Dutchess, State of New York

have invented certain improvements in

Failover Mechanisms in RDMA Operations

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

- (1) 11/16/2004 (2) 11/16/2004 (3) 12/06/2004
- (4) _____ (5) 11/16/2004 (6) 11/30/2004
- (7) 11/16/2004 (8) 12/10/2004 (9) 11/16/2004
- (10) 11/16/2004

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,

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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

Date: on 11/16/2004



Robert S. Blackmore

(2) at Poughkeepsie, NY

Date: on 11/16/2004



Fu Chung Chang

(3) at Poughkeepsie, NY

Date: on 12/06/2004



Piyush Chaudhary

(4) at _____

Date: on _____

Jason E. Goscinski

(5) at Poughkeepsie, NY

Date: on 11/16/2004



Rama K. Govindaraju

(6) at Poughkeepsie, NY

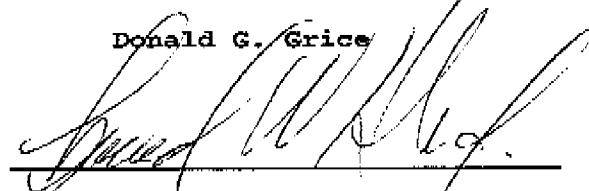
Date: on 11/30/2004



Donald G. Grice

(7) at Poughkeepsie, NY

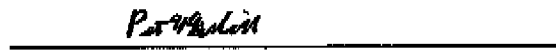
Date: on 11/16/2004



Leonard W. Helmer Jr.

(8) at San Francisco, ^{PH} NY CA

Date: on 12/10/2004



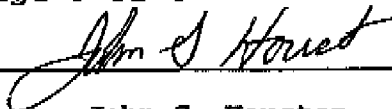
Peter H. Hochschild

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(9) at Poughkeepsie, NY

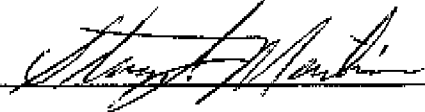
Date: on 11/16/2004



John S. Houston

(10) at Poughkeepsie, NY

Date: on 11/16/2004



Steven J. Martin

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County of King, State of Washington,
 - Inventor (5) Rama K. Govindaraju of Hopewell Junction,
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- (4) 12/19/2004, (5) 11/16/2004, (6) _____,
- (7) 11/16/2004, (8) _____, (9) 11/16/2004,
- (10) 11/16/2004.

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;

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Signed:

(1) at Poughkeepsie, NY

Date: on 11/16/2004



Robert S. Blackmore

(2) at Poughkeepsie, NY

Date: on 11/16/2004



Fu Chung Chang


(3) at Poughkeepsie, NY

Date: on

Piyush Chaudhary

(4) at Snoqualmie, WA

Date: on 12/19/2004



Jason E. Goscinski

(5) at Poughkeepsie, NY

Date: on 11/16/2004



Rama K. Govindaraju

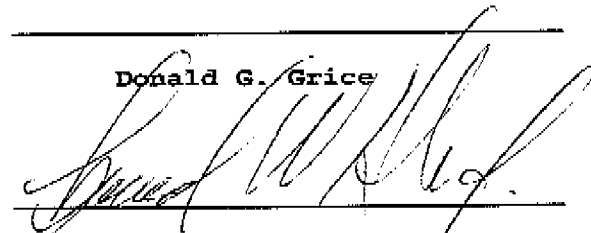
(6) at Poughkeepsie, NY

Date: on

Donald G. Grice

(7) at Poughkeepsie, NY

Date: on 11/16/2004



Leonard W. Helmer Jr.

(8) at , NY

Date: on

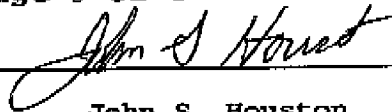
Peter H. Hochschild

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Steven J. Martin