

In place of Form PTO-1595

Docket No. AUS920050122US1

**RECORDATION FORM COVER SHEET  
PATENTS**

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

<b>1. Name of conveying party(ies):</b>  (1) JAMES PATRICK ALLEN (2) THOMAS STANLEY MATHEWS (3) RAVI A. SHANKAR (4) SATYA PRAKASH SHARMA (5) GLENN ROWAN WIGHTWICK  Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No	<b>Execution Date:</b>  <u>6-20-05</u> <u>7-13-05</u> <u>6-30-05</u> <u>7-25-05</u> <u>7-13-05</u>
<b>2. Name and address of receiving party(ies):</b>  International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____

**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) 11/189,895 B. Patent No.(s) \_\_\_\_\_
**5. Name and address of party to whom correspondence concerning document should be mailed:**
 Marilyn Smith Dawkins  
 IBM Corporation  
 Intellectual Property Law  
 11400 Burnet Road  
 Austin, TX 78758  
 (512) 823-0094
**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
**8. Deposit account number:**09-0447

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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.

Beverly Winfield  
 Name of Person Signing

Beverly Winfield  
 Signature

8-10-05  
 Date
Total number of pages including cover sheet: 5**PATENT**

IBM DOCKET NO. AUS920050122US1

## A S S I G N M E N T

Whereas, we,

(1) James Patrick Allen of Austin  
County of Travis and State of Texas

and

(2) Thomas Stanley Mathews of Austin  
County of Travis and State of Texas

and

(3) Ravi A. Shankar of Austin  
County of Travis and State of Texas

and

(4) Satya Prakash Sharma of Austin  
County of Travis and State of Texas

and

(5) Glenn Rowan Wightwick of Balmain  
and State of Sydney

have invented certain improvements in

METHOD AND APPARATUS FOR THE RELIABILITY OF HOST DATA STORED ON FIBRE CHANNEL  
ATTACHED STORAGE SUBSYSTEMS

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) 6/20, 2005,  
(2) 7/13/2005, 2005, (3) 6/30, 2005,  
(4) 7/25/2005, 2005, and (5) \_\_\_\_\_, 2005.

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.

IBM DOCKET NO. AUS920050122US1

(1) Signed at Austin on 6/20, 2005.

James P. Allen  
James Patrick Allen

and (2) Signed at Austin on 7/13, 2005.

Thomas S. Mathews  
Thomas Stanley Mathews

and (3) Signed at AUSTIN. on 30th June, 2005.

Ravi A. Shankar  
Ravi A. Shankar

and (4) Signed at AUSTIN on JULY 25, 2005.

Satya Prakash Sharma  
Satya Prakash Sharma

and (5) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2005.

\_\_\_\_\_  
Glenn Rowan Wightwick

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## A S S I G N M E N T

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County of Travis and State of Texas

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County of Travis and State of Texas

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and State of Sydney Shanghai

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and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, 2005,  
(2) \_\_\_\_\_, 2005, (3) \_\_\_\_\_, 2005,  
(4) \_\_\_\_\_, 2005, and (5) July 13, 2005.

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.

IBM DOCKET NO. AUS920010122US1

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2005.

\_\_\_\_\_  
*James Patrick Allen*

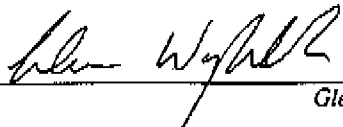
and (2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2005.

\_\_\_\_\_  
*Thomas Stanley Mathews*

and (3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2005.

\_\_\_\_\_  
*Ravi A. Shankar*

and (4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2005.

\_\_\_\_\_  
*Satya Prakash Sharma*and (5) Signed at Shanghai, China on July 13, 2005.  
\_\_\_\_\_  
*Glenn Rowan Wightwick*