

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James Arthur Fisher	09/10/2004
Jonathan Wayne Peake	09/10/2004
Christine Lynette Telford	09/10/2004
RECEIVING PARTY DATA	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10939805
CORRESPONDENCE DATA	
Fax Number:	(801)531-1929
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	801-994-4646
Email:	Heather@utahpatentlaw.com
Correspondent Name:	Brian C. Kunzler
Address Line 1:	8 East Broadway, Suite 600
Address Line 4:	Salt Lake City, UTAH 84111
NAME OF SUBMITTER:	Brian C. Kunzler
Total Attachments: 1 source=Assignment#page1.tif	

CH 10939805 \$40.00

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PATENT
REEL: 015434 FRAME: 0476

ASSIGNMENT

Whereas I/we

INVENTOR CITY
COUNTY STATE

(1) James Arthur Fisher
County of Pima

City of Tucson
State of Arizona

(2) Jonathan Wayne Peake
County of Pima

City of Tucson
State of Arizona

(3) Christine Lynette Telford
County of Pima

City of Tucson
State of Arizona

have invented certain improvements in

TITLE

**EFFICIENT FIRMWARE UPDATE FOR HIERARCHICAL DATA STORAGE
SYSTEMS**

DATE(S) THAT
INVENTOR(S)
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on the following date(s):

(1) 10 SEPT 2004 (3) 9-10-2004
(2) 9-10-2004

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, I, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed:

CITY
DATE

(1) at TUCSON, AZ
on 10 SEPT 2004

James Arthur Fisher
James Arthur Fisher

(2) at TUCSON, AZ
on 9-10-2004

Jonathan Wayne Peake
Jonathan Wayne Peake

(3) at TUCSON, AZ
on 9-10-2004

Christine Lynette Telford
Christine Lynette Telford