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102112441

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

5-23-02

1. Name of conveying party(ies):

a) Robert J. Curran g) _____
 b) Roger L. Haskin h) _____
 c) Kuei-Yu Wang-Knop i) _____
 d) Frank B. Schmuck j) _____
 e) _____ k) _____
 f) _____ l) _____

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

Name: **INTERNATIONAL BUSINESS MACHINES CORPORATION**Address: New Orchard Road
Armonk, NY 10504More names attached? Y X NMore names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number:

Filed:

Filed with new application: X yes no

Execution date(s):

10,154,009

a) May 14, 2002 g) _____
 b) May 15, 2002 h) _____
 c) May 14, 2002 i) _____
 d) May 15, 2002 j) _____
 e) _____ k) _____
 f) _____ l) _____

Additional numbers attached? Y X N

11046 U.S. PTO
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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence D. Cutter, Attorney
 IBM Corporation, IP Law Dept.
 2455 South Rd., M/S P386
 Poughkeepsie, NY 12601
 Reg. No. 28,501
 (845) 433-1172

6. Total # of applications and patents involved: 017. Total fee (37 CFR 3.41):
\$ 40.008. Charge to Deposit Account
09-0463 (IBM).
(2 Assignments enclosed)

06/04/2002 TDIAZ1 00000033 090463 10154009

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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.

Susan L. Phelps

Signature

Date

5/23/02

Total number of pages including cover sheet, attachments, and document: 3Express Mail Label No. (if applicable): EU054992445US Docket No.: POU920020007US1

PATENT
REEL: 012941 FRAME: 0639

A S S I G N M E N T

Whereas, We

Inventor (1)	ROBERT J. CURRAN County of Ulster	of West Hurley, and State of New York,
Inventor (2)	ROGER L. HASKIN County of Santa Clara	of Morgan Hill, and State of California,
Inventor (3)	KUEI-YU WANG-KNOP County of Dutchess	of Poughkeepsie, and State of New York,
Inventor (4)	FRANK B. SCHMUCK County of Santa Clara	of Campbell, and State of California.

have invented certain improvements in **PARALLEL METADATA SERVICE IN A STORAGE AREA NETWORK ENVIRONMENT**

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

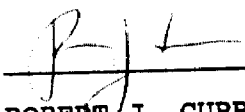
(1) May 14, 2002, (2) _____,
(3) May 14, 2002, and (4) _____.

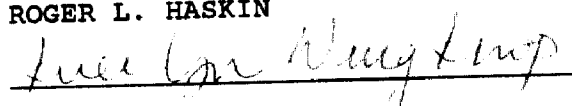
Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM,) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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
on May 14, 2002
(2) at _____
on _____
(3) at Poughkeepsie, NY
on May 14, 2002
(4) at _____
on _____


ROBERT J. CURRAN

ROGER L. HASKIN

KUEI-YU WANG-KNOP

FRANK B. SCHMUCK

Docket No.: PO0920020007US1

Page 1 of 1

A S S I G N M E N T

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Inventor	(3) KUEI-YU WANG-KNOP County of Dutchess	of Poughkeepsie, and State of New York,
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(3) , and (4) May 15, 2002 .


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Signed


(1) at Poughkeepsie, NY
on _____
(2) at San Jose, CA
on May 15, 2002
(3) at Poughkeepsie, NY
on _____
(4) at San Jose, CA
on May 15, 2002

ROBERT J. CURRAN



ROGER L. HASKIN

KUEI-YU WANG-KNOP



FRANK B. SCHMUCK