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1. Name of conveying party(ies):

Clodoaldo Barrera
Daniel Alexander Ford
Saugata Guha
Balakrishna Raghavendra Iyer
Jaishankar Moothedath Menon
Harsha Ramalingam

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

International Business Machines Corporation
New Orchard Street
Armonk, NY 10504

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: 11/30/99; 11/24/99; 12/2/99; 12/3/99; 12/7/99; 11/30/99

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: 11/30/99; 11/24/99; 12/2/99; 12/3/99; 12/7/99; 11/30/99

A. Patent Application No.(s)

B. Patent No.(s)

09/459585

Additional numbers attached? Yes No

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

Name: Sandra M. Parker, Esq.
Address: OPPENHEIMER WOLFF & DONNELLY LLP
2029 Century Park East, 38th Floor
Los Angeles, CA 90067-3024

6. Total number of applications and patents involved: 1

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

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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.

Sandra M. Parker

Name of Person Signing

Signature

December 13, 1999

Date

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PATENT
REEL: 010451 FRAME: 0181

ASSIGNMENT

Whereas, Clodoaldo Barrera of Morgan Hill, County of Santa Clara and State of California; Daniel Alexander Ford of Los Gatos, County of Santa Clara and State of California; Saugata Guha of Fremont, County of Alameda and State of California; Balakrishna Raghavendra Iyer of San Jose, County of Santa Clara and State of California; Jaishankar Moothedath Menon of San Jose, County of Santa Clara and State of California; and Harsha Ramalingam of San Jose, County of Santa Clara and State of California have invented certain improvements in HIGH PERFORMANCE INTERNET STORAGE ACCESS SCHEME and executed, respectively, a United States patent application therefor on _____, _____, _____, _____, _____ and _____.

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, 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 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 and sealed

at San Jose (CITY)
on Nov 30, 1999

Clodoaldo Barrera
Clodoaldo Barrera

at San Jose (CITY)
on Nov 24, 1999

Daniel Alexander Ford
Daniel Alexander Ford

at San Jose (CITY)
on Dec 2nd, 1999

Saugata Guha
Saugata Guha

at San Jose (CITY)
on Dec 19th, 1999

Balakrishna Raghavendra Iyer
Balakrishna Raghavendra Iyer

at San Jose (CITY)
on Dec 7, 1999

Jaishankar Moothedath Menon
Jaishankar Moothedath Menon

at San Jose (CITY)
on 11/30, 1999

Harsha Ramalingam
Harsha Ramalingam