12-09-1999

‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖

101186785

In place of Form PTO-1595   Docket No. AT9-98-765

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

1. Name of conveying party(ies):

Ravi K. Arimilli
Leo J. Clark
John S. Dodson
Guy L. Guthrie
Jerry D. Lewis

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

International Business
Machines Corporation
New Orchard Road
Armonk, New York   10504

3. Nature of conveyance:

    X Assignment

    Execution Date: July 28, 1999; July 28, 1999; July 28, 1999; July 28, 1999; July 28, 1999

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   July 28, 1999; July 28, 1999; July 28, 1999; July 28, 1999; July 28, 1999

    A. Patent Application No.(s)

    09/364284

    B. Patent No.(s)

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

Casimer Salys
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0092

6. Total number of applications and patents involved: ___1___

7. Total fee (37 CFR 3.41) $ 40.00

    X Authorized to be charged to deposit account

8. Deposit IBM Corporation account number:

    ___09-0447___

DO NOT USE THIS SPACE   Chg 40

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.

Marty Bower _____   _____   7-29-99
Name of Person Signing   Signature   Date
For Felsman, Bradley, Vaden, Gunter &
Dillon

                    Total number of pages including cover sheet: ___3___

**PATENT
REEL: 010259 FRAME: 0671**

AT9-98-765

A S S I G N M E N T

Whereas, we,

(1) <u>Ravi K. Arimilli</u>   of <u>Austin</u>,
County of <u>Travis</u>   and State of <u>Texas</u>,

and
(2) <u>Leo J. Clark</u>   of <u>Georgetown</u>,
County of <u>Williamson</u>   and State of <u>Texas</u>,

and
(3) <u>John S. Dodson</u>   of <u>Pflugerville</u>,
County of <u>Travis</u>   and State of <u>Texas</u>,

and
(4) <u>Guy L. Guthrie</u>   of <u>Austin</u>,
County of <u>Travis</u>   and State of <u>Texas</u>,

and
(5) <u>Jerry D. Lewis</u>   of <u>Round Rock</u>,
County of <u>Travis</u>   and State of <u>Texas</u>,

have invented certain improvements in

<u>A DATA PROCESSING SYSTEM WITH HSA (HASHED STORAGE ARCHITECTURE)</u>

and executed, respectively, a United States patent application therefor on
(Dates Inventors Signed Declaration) (1) <u>RKA 7/28/99</u>, 1999, and
(2) <u>LLC   7/28</u>, 1999, and (3) <u>JSD 28 July</u>, 1999, and
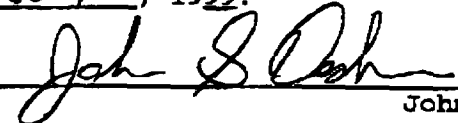(4) <u>GLG 28 July</u>, 1999, and (5) <u>JDL 28 July</u>, 1999.

    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 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
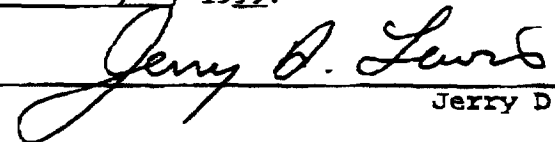called upon to do so by IBM.

    (1)   Signed at <u>Austin, TX</u> on <u>7/28/99</u>, 1999.

                                    _____
                                         Ravi K. Arimilli

IBM DOCKET NO. AT9-98-765

and (2)   Signed at _Austin, TX_ on ___7/28___, 1999.

_____ _(signature)_
                           Leo J. Clark

and (3)   Signed at _AUSTIN, TX_ on _28 JULY_, 1999.

_____ _(signature)_
                           John S. Dodson

and (4)   Signed at _Austin_ on _28 July_, 1999.

_____ _(signature)_
                           Guy L. Guthrie

and (5)   Signed at _Austin, TX_ on _28 July_, 1999.

_____ _(signature)_
                           Jerry D. Lewis