PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard L. Arndt	04/30/2008
Aaron C. Brown	05/01/2008
Bradly G. Frey	05/02/2008
Gregory F. Pfister	04/28/2008
Renato J. Recio	05/02/2008
Steven M. Thurber	04/30/2008

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:	12114945

CORRESPONDENCE DATA

Fax Number: (512)823-1036

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: abdeniso@us.ibm.com
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Address Line 1: 11400 Burnet Road
Address Line 2: IBM-Intellectual Property Law
Address Line 4: Austin, TEXAS 78758-3493

ATTORNEY DOCKET NUMBER:	AUS920070425US1

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CH $40.00

500531552

NAME OF SUBMITTER:	D'Ann N. Rifai

Total Attachments: 4
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source=AUS920070425US1_Assignment#page4.tif

A S S I G N M E N T

Whereas, we,

(1) **Richard L. Arndt**
County of Travis

of Austin
and State of Texas

(2) **Aaron C. Brown**
County of Travis

of Austin
and State of Texas

(3) **Bradly G. Frey**
County of Travis

of Austin
and State of Texas

(4) **Gregory F. Pfister**
County of Travis

of Austin
and State of Texas

(5) **Renato J. Recio**
County of Travis

of Austin
and State of Texas

(6) **Steven M. Thurber**
County of Williamson

of Austin
and State of Texas

have invented certain improvements in

RETAINING AN ASSOCIATION BETWEEN A VIRTUAL ADDRESS BASED BUFFER AND A USER SPACE APPLICATION THAT OWNS THE BUFFER

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _30 Apr_, (2008); (2) _5/1_, (2008);
(3) _5/2/2008_, (2008); (4) _____, (2008); (5) _5/2_, (2008); (6) _4/30_, (2008).

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 in all 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.
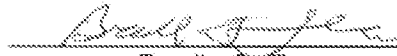
(1) Signed at _____ on _____, 2008.
              (City)   (Date)

_____
Richard L. Arndt

(2) Signed at _____ on _____, 2008.
              (City)   (Date)

_____
Aaron C. Brown

(3) Signed at _____ on _____, 2008.
              (City)   (Date)

_____
Bradly G. Frey

(4) Signed at _____ on _____, 2008.
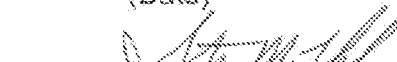   (City)   (Date)

_____
Gregory F. Pfister

(5) Signed at _____ on _____, 2008.
              (City)   (Date)

_____
Renato J. Recio

(6) Signed at _____ on _____, 2008.
              (City)   (Date)

_____
Steven M. Thurber

AUS920070425US1

ASSIGNMENT

Whereas, we,

(1) **Richard L. Arndt**   of Austin
      County of Travis   and State of Texas

(2) **Aaron C. Brown**   of Austin
      County of Travis   and State of Texas

(3) **Bradly G. Frey**   of Austin
      County of Travis   and State of Texas

(4) **Gregory F. Pfister**   of Austin
      County of Travis   and State of Texas

(5) **Renato J. Recio**   of Austin
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(6) **Steven M. Thurber**   of Austin
      County of Williamson   and State of Texas

have invented certain improvements in

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and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _____, (2008); (2) _____, (2008);
(3)_____, (2008); (4) *Apr 28*, (2008); (5)_____, (2008); (6)_____, (2008).

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 in all 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.

Page 1 of 2

AUS920070425US1

(1) Signed at _____ on _____, 2008.
                    (City)   (Date)

     _____
                 Richard L. Arndt
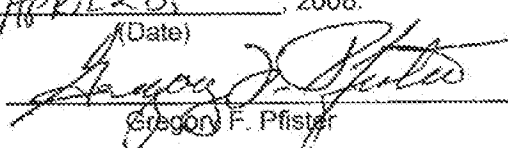
(2) Signed at _____ on _____, 2008.
                    (City)   (Date)

     _____
                 Aaron C. Brown

(3) Signed at _____ on _____, 2008.
                    (City)   (Date)

     _____
                 Bradly G. Frey

(4) Signed at _AUSTIN, TX, USA_ on _APRIL 28,_____, 2008.
                    (City)   (Date)

     _____
                 Gregory F. Pfister

(5) Signed at _____ on _____, 2008.
                    (City)   (Date)

     _____
                 Renato J. Recio

(6) Signed at _____ on _____, 2008.
                    (City)   (Date)

     _____
                 Steven M. Thurber

PATENT
REEL: 020903 FRAME: 0295