In place of Form PTO-1595

Docket No. AUS920040178US1

RECORDATION FORM COVER SHEET
PATENTS

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

1. Name of conveying party(ies): (1) RICHARD LOUIS ARNDT (2) GIORA BIRAN (3) PATRICK ALLEN BUCKLAND (4) HARVEY GENE KIEL (5) VADIM MAKHERVAKS (6) RENATO JOHN RECIO (7) LEAH SHALEV (8) JAVA SRIKRISHNAN Additional name(s) of conveying party(ies) attached? ____ Yes _x_ No	**Execution Date:** 02/23/05 02/22/05 02/22/05 02/21/05 02/21/05 02/22/05 02/23/05 02/23/05
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 ___ Merger ___ Security Agreement ___ Change of Name ___ Other _____

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:

A. Patent Application No.(s) 11/066,424   B. Patent No.(s) _____

5. Name and address of party to whom correspondence concerning document should be mailed: Duke W. Yee Yee & Associates, P.C. P.O. Box 802333 Dallas, Texas 75380 (972) 385-8777	**6. Total number of applications and patents involved:** 1 **7. Total fee (37 CFR 3.41) $** 40.00 ___ Enclosed _X_ Authorized to be charged to deposit account **8. Deposit account number:** 09-0447

CH $40.00 090447 11066424

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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.

Duke W. Yee		3/22/05
Name of Person Signing	Signature	Date

Total number of pages including cover sheet: 16

PATENT
REEL: 015946 FRAME: 0893

IBM DOCKET NO. AUS920040178US1

A S S I G N M E N T

Whereas, we,

(1) Richard Louis Arndt   of Austin
County of Travis   and State of Texas

and

(2) Giora Biran   of Zichron-Yaakov
                             and Country of Israel

and

(3) Patrick Allen Buckland   of Austin
County of Travis   and State of Texas

and

(4) Harvey Gene Kiel   of Rochester
County of Olmsted   and State of Minnesota

and

(5) Vadim Makhervaks   of Austin
County of Travis   and State of Texas

and

(6) Renato John Recio   of Austin
County of Travis   and State of Texas

and

(7) Leah Shalev   of Zichron-Yaakov
                             and Country of Israel

and

(8) Jaya Srikrishnan   of Wappingers Falls
County of Dutchess   and State of New York

have invented certain improvements in

**METHOD, SYSTEM AND PROGRAM PRODUCT FOR DIFFERENTIATING BETWEEN VIRTUAL HOSTS
ON BUS TRANSACTIONS AND ASSOCIATING ALLOWABLE MEMORY ACCESS FOR AN
INPUT/OUTPUT ADAPTER THAT SUPPORTS VIRTUALIZATION**

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _Feb. 23_____ , 2005,
(2)_____ , 2005, (3) _Feb 22___ , 2005,
(4) _Feb 22____ , 2005, (5)_____ , 2005,
(6) _Feb 22____ , 2005, (7)_____ , 2005, and
(8)_____ , 2005.

Page 1 of 3

IBM DOCKET NO. AUS920040178US1

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 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 ___Austin___ on ___Feb. 23___, 2005.

_____
Richard Louis Arndt

and (2) Signed at _____ on _____, 2005.

_____
Giora Biran

and (3) Signed at ___Austin___ on ___Feb 22___, 2005.
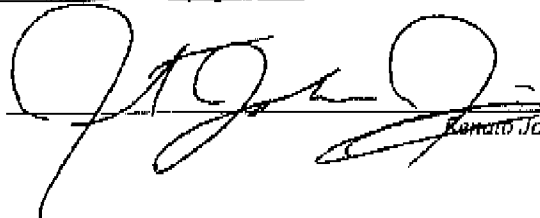
_____
Patrick Allen Buckland

and (4) Signed at _____ on _____, 2005.

_____
Harvey Gene Kiel

**PATENT
REEL: 015946 FRAME: 0895**

IBM DOCKET NO. AUS920040178US1

and (5) Signed at _____ on _____, 2005.

_____
Vadim Makhervaks

and (6) Signed at *Austin* _____ on *Feb 22* _____, 2005.

_____
Renato John Recio

and (7) Signed at _____ on _____, 2005.

_____
Leah Shalev

and (8) Signed at _____ on _____, 2005.

_____
Jaya Srikrishnan

PATENT
REEL: 015946 FRAME: 0896

IBM DOCKET NO. AUS920040178US1

A S S I G N M E N T

Whereas, we,

(1) Richard Louis Arndt
County of Travis

of Austin
and State of Texas

and

(2) Giora Biran

of Zichron-Yaakov
and Country of Israel

and

(3) Patrick Allen Buckland
County of Travis

of Austin
and State of Texas

and

(4) Harvey Gene Kiel
County of Olmsted

of Rochester
and State of Minnesota

and

(5) Vadim Makhervaks
County of Travis

of Austin
and State of Texas

and

(6) Renato John Recio
County of Travis

of Austin
and State of Texas

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of Zichron-Yaakov
and Country of Israel

and

(8) Jaya Srikrishnan
County of Dutchess

of Wappingers Falls
and State of New York

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(2)_____, 2005, (3)_____, 2005,
(4)_____, 2005, (5)_____, 2005,
(6)_____, 2005, (7)_____, 2005, and
(8)_____, 2005.
Feb 23,2005

Page 1 of 3

_ IBM DOCKET NO. AUS920040178US1

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(1) Signed at _____ on _____, 2005.

_____
Richard Louis Arndt

and (2) Signed at _____ on _____, 2005.

_____
Giora Biran

and (3) Signed at _____ on _____, 2005.

_____
Patrick Allen Buckland

and (4) Signed at _____ on _____, 2005.

_____
Harvey Gene Kiel

Page 2 of 3

PATENT

IBM DOCKET NO. AUS920040178US1

and (5) Signed at _____ on _____ , 2005.

_____
Vadim Mukhervaks

and (6) Signed at _____ on _____ , 2005.

_____
Renam John Recio

and (7) Signed at _____ on _____ , 2005.

_____
Leah Shalev

and (8) Signed at *Poughkeepsie, NY* on *Feb 23* , 2005.

_____
Jaya Srikrishnan

PATENT

IBM DOCKET NO. AUS920040178US1

A S S I G N M E N T

Whereas, we,

(1) Richard Louis Arndt   of Austin
County of Travis   and State of Texas

and

(2) Giora Biran   of Zichron-Yaakov
                                           and Country of Israel

and

(3) Patrick Allen Buckland   of Austin
County of Travis   and State of Texas

and

(4) Harvey Gene Kiel   of Rochester
County of Olmsted   and State of Minnesota

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(5) Vadim Makhervaks   of Austin
County of Travis   and State of Texas

and

(6) Renato John Recio   of Austin
County of Travis   and State of Texas

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                                           and Country of Israel

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(4)_____, 2005, (5)_____, 2005,
(6)_____, 2005, (7)__Feb 23_____, 2005, and
(8)_____, 2005.

**PATENT
REEL: 015946 FRAME: 0900**

IBM DOCKET NO. AUS920040178US1

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(1) Signed at _____ on _____, 2005.

_____
Richard Louis Arndt

and (2) Signed at ____*Hafa*____ on ____*Feb 22*____, 2005.

_____
Giora Biran

and (3) Signed at _____ on _____, 2005.

_____
Patrick Allen Buckland

and (4) Signed at _____ on _____, 2005.

_____
Harvey Gene Kiel

PATENT
REEL: 015946 FRAME: 0901

IBM DOCKET NO. AUS920040178US1

and (5) Signed at _____ on _____, 2005.

_____
Vadim Makhervaks

and (6) Signed at _____ on _____, 2005.

_____
Renato John Recio

and (7) Signed at _Haifa_____ on _Feb 23_____, 2005.

_____
Leah Shalev

and (8) Signed at _____ on _____, 2005.

_____
Jaya Srikrishnan

**PATENT
REEL: 015946 FRAME: 0902**

IBM DOCKET NO. AUS920040178US1

A S S I G N M E N T

Whereas, we,

(1) Richard Louis Arndt   of Austin
County of Travis   and State of Texas

and

(2) Giora Biran   of Zichron-Yaakov
                                           and Country of Israel

and

(3) Patrick Allen Buckland   of Austin
County of Travis   and State of Texas

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(4) Harvey Gene Kiel   of Rochester
County of Olmsted   and State of Minnesota

and

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County of Travis   and State of Texas

and

(6) Renato John Recio   of Austin
County of Travis   and State of Texas

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(4)_____, 2005, (5) *Feb , 21,*   , 2005,
(6)_____, 2005, (7)_____, 2005, and
(8)_____, 2005.

Page 1 of 3

IBM DOCKET NO. AUS920040178US1

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(1) Signed at _____ _____ on _____, 2005.

_____
                                            Richard Louis Arndt

and (2) Signed at _____ on _____, 2005.

_____
                                            Giora Biran

and (3) Signed at _____ on _____, 2005.

_____
                                            Patrick Allen Buckland

and (4) Signed at _____ on _____, 2005.

_____
                                            Harvey Gene Kiel

Page 2 of 3

PATENT
REEL: 015946 FRAME: 0904

IBM DOCKET NO. AUS920040178US1

and (5) Signed at ___Austin, TX___ on ___Feb, 26___, 2005.

_____
Vadim Makhervaks

and (6) Signed at _____ on _____, 2005.

_____
Renato John Recio

and (7) Signed at _____ on _____, 2005.

_____
Leah Shalev

and (8) Signed at _____ on _____, 2005.

_____
Jaya Srikrishnan

PATENT
REEL: 015946 FRAME: 0905

IBM DOCKET NO. AUS920040178US1

A S S I G N M E N T

Whereas, we,

(1) Richard Louis Arndt
County of Travis

of Austin
and State of Texas

and

(2) Giora Biran

of Zichron-Yaakov
and Country of Israel

and

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County of Travis

of Austin
and State of Texas

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and State of Minnesota

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Page 1 of 3

IBM DOCKET NO. AUS920040178US1

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(1) Signed at _____ on _____, 2005.

_____
Richard Louis Arndt

and (2) Signed at _____ on _____, 2005.

_____
Giora Biran

and (3) Signed at _____ on _____, 2005.

_____
Patrick Allen Buckland

and (4) Signed at Rochester Minnesota on Feb 21 _____, 2005.

_____
Harvey Gene Kiel

Page 2 of 3

PATENT
REEL: 015946 FRAME: 0907

IBM DOCKET NO. AUS920040178US1

and (5) Signed at _____ on _____ , 2005.

_____
Vadim Makhervaks

and (6) Signed at _____ on _____ , 2005.

_____
Renato John Recio

and (7) Signed at _____ on _____ , 2005.

_____
Leah Shalev

and (8) Signed at _____ on _____ , 2005.

_____
Jaya Srikrishnan