

In place of Form PTO-1595

Docket No. AUS920041034US1

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) KARLA KAY ARNDT (2) MARK JOSEPH CAVAGE (3) JOHN RYAN McGARVEY (4) JOHN D. SULLIVAN Additional name(s) of conveying party(ies) attached? ___ Yes x No	Execution Date: <u>4/6/05</u> <u>4/7/05</u> <u>4/11/05</u> <u>4/2/05</u>
2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> 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) 11/104,319 B. Patent No.(s) _____

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

Jeffrey S. LaBaw
IBM Corporation
Intellectual Property Law
11400 Burnet Road
Austin, TX 78758
(512) 823-0494

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
 ___ Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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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.

Martha Acosta
Name of Person Signing

Martha Acosta
Signature

5/10/05
Date

Total number of pages including cover sheet: 7

CH \$40.00 090447 11104319

IBM DOCKET NO. AUS920041034US1

A S S I G N M E N T

Whereas, we,

(1) Karla Kay Arndt *KKA* of Rochester
 County of ~~Olmsted~~ Olmsted and State of Minnesota

and

(2) Mark Joseph Cavage of Cedar Park
 County of Travis and State of Texas

and

(3) John Ryan McGarvey of Apex
 County of Wake and State of North Carolina

and

(4) John D. Sullivan of Austin
 County of Williamson and State of Texas

have invented certain improvements in

REFERENTIAL INTEGRITY ACROSS A DISTRIBUTED DIRECTORY

and executed, respectively, a United States patent application therefore on
 (Dates Inventors Signed Declaration) (1) April 6, 2005,
 (2) _____, 2005, (3) _____, 2005, and
 (4) _____, 2005.

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 Rochester, Minn. on April 6, 2005.

Karla Kay Arndt
 Karla Kay Arndt

IBM DOCKET NO. AUS920041034US1

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

Mark Joseph Cavage

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

John Ryan McGarvey

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

John D. Sullivan

IBM DOCKET NO. AUS920041034US1

A S S I G N M E N T

Whereas, we,

(1) Karla Kay Arndt of Rochester
County of Olmstead and State of Minnesota

and

(2) Mark Joseph Cavago of Cedar Park
County of Travis and State of Texas

and

(3) John Ryan McGarvey of Apex
County of Wake and State of North Carolina

and

(4) John D. Sullivan of Austin
County of Williamson and State of Texas

have invented certain improvements in

REFERENTIAL INTEGRITY ACROSS A DISTRIBUTED DIRECTORY

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _____, 2005,
(2) 4-7-2005, 2005, (3) _____, 2005, and
(4) ~~4-7-2005~~ 4-7-2005, 2005.

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;

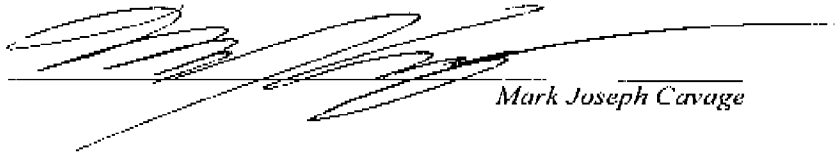
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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 _____ on _____, 2005.

Karla Kay Arndt

IBM DOCKET NO. AUS920041034US1

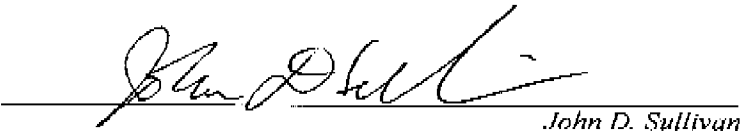
and (2) Signed at Austin on 4-7, 2005.


Mark Joseph Cavage

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

John Ryan McGarvey

and (4) Signed at ~~Austin~~ Austin TX on April 7, 2005.


John D. Sullivan

IBM DOCKET NO. AUS920041034US1

A S S I G N M E N T

Whereas, we,

(1) Karla Kay Arndt
County of Dismal

of Rochester
and State of Minnesota

and

(2) Mark Joseph Cavage
County of Travis

of Cedar Park
and State of Texas

and

(3) John Ryan McGarvey
County of Wake

of Apex
and State of North Carolina

and

(4) John D. Sullivan
County of Williamson

of Austin
and State of Texas

have invented certain improvements in

REFERENTIAL INTEGRITY ACROSS A DISTRIBUTED DIRECTORY

we, executed, respectively, a United States patent application therefore on
(James Inventors Signed Declaration) (1) _____, 2005,
(2) _____, 2005, (3) April 11, 2005, and
(4) _____, 2005.

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*.

Signed at _____ on _____, 2005.

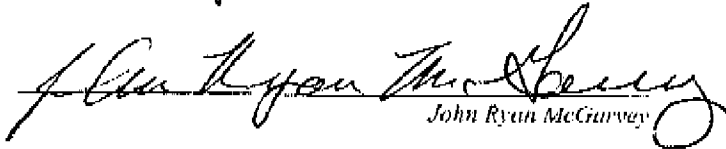
Karla Kay Arndt

IBM DOCKET NO. AUS920041034USJ

(2) signed at _____ on _____, 2005.

Mark Joseph Cavage

and (3) signed at Durham, North Carolina on April 11, 2005.


John Ryan McGurvey

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

John D. Sullivan