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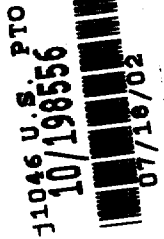
1. Name(s) of conveying party/parties:	2. Name and address of receiving party
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Michael Beisiegel Lawrence S. Rich
 Charles D. Bridgham
 Frank J. Budinsky
 Eduardus A. T. Merks

Additional Names Attached? Yes **X** No

07/18/02

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



3. Nature of Conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other:		

Execution Date(s): 07/15/2002; 07/09/2002; 06/24/2002

Additional Names Attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

07/15/2002;
07/09/2002;
06/24/2002

A. Patent Application No(s)
10/198556

B. Patent No(s)

Additional Numbers Attached? Yes **X** No

5. Name and Address of party to whom correspondence concerning the document should be sent:	6. Total Number of applications and patents involved:	1
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Name: A. Bruce Clay

Internal Address:

IBM Corporation, T81/503

Street Address:

PO Box 12195

City/State/Zip: Res. Tri. Park, NC 27709

7. Total fee (37 CFR 3.41)\$	40
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Enclosed

Charge to deposit account

8. Deposit account Number: 09-0461

(Attach duplicate copy of this page if paying by deposit account)

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A. Bruce Clay

A. Bruce Clay

July 18, 2002

Name of Person Signing

Signature

Date

07/29/2002 DBYRNE 00000151 090461 10198556 Total Number of pages including cover sheet, attachments and document **4**

01 TC: \$81 40.00 CH Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT

Whereas, we

-1 Michael Beisiegel

of: Poughkeepsie, New York

and (2) Charles D. Bridgham

of: Cary, North Carolina

and (3) Frank J. Budinsky

of: Newmarket, Ontario, Canada

and (4) Eduardus A. T. Merks

of: Ballantrae, Ontario, Canada

and (5) Lawrence S. Rich

of: Apex, North Carolina

have invented certain improvements in

**Two Meta-Level Modeling Approach for Mapping Typed
Data**

and have executed, respectively, a United States patent application therefor on

-1
-2 07/09/2002 -3 6/24/2002
-4 6/24/2002 -5 07/09/2002

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 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 AND SEALED

(1) at:

on:

Michael Beisiegel

and (2) at:

RTP, NC

on:

July 2, 2002

Charles D. Bridgham

and (3) at:

Markham, Ontario

on:

June 24, 2002

Frank J. Budinsky

and (4) at:

Markham, Ont

on:

June 24 / 2002

Eduardus A. T. Merks

and (5) at:

RTP, NC

on:

July 9, 2002

Lawrence S. Rich

ASSIGNMENT

Whereas, we

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of: Poughkeepsie, New York

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of: Cary, North Carolina

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-1 07/15/2002 -2

-3

-4

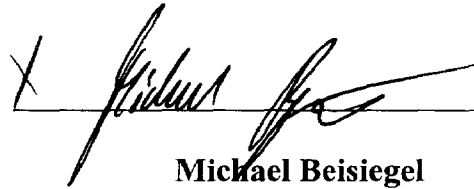
-5

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 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 AND SEALED

(1) at: X *SOMETS*
on: X *07/15/02*

X 

Michael Beisiegel

and (2) at:

on:

Charles D. Bridgham

and (3) at:

on:

Frank J. Budinsky

and (4) at:

on:

Eduardus A. T. Merks

and (5) at:

on:

Lawrence S. Rich