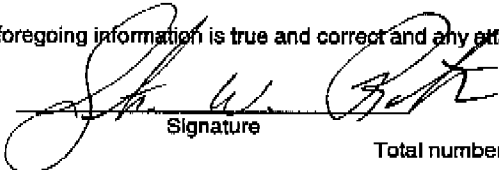
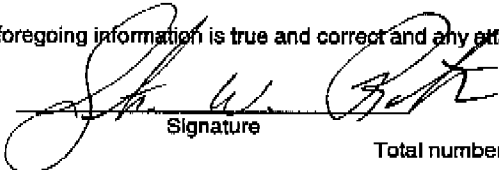
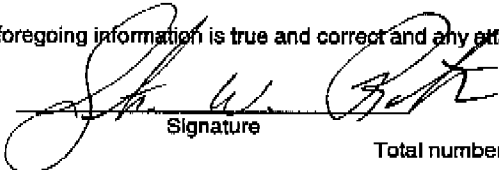


FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920040339US1RECORDATION FORM COVER SHEET
PATENTS ONLY

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

<p>1. Name of conveying party(ies):</p> <p>1) Richard Dean Dettinger</p> <p>2) Judy Immaculate Tina Djugash</p> <p>3) Jeffrey Wayne Tenner</p> <p>4) Hao Thu Tran</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <hr/> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: (1) March 31, 2005 (2) March 22, 2005 (3) March 18, 2005 (4) March 21, 2005</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>International Business Machines Corporation</u></p> <p>Internal Address: _____</p> <hr/> <p>Street Address: <u>New Orchard Road</u></p> <p>City: <u>Armonk</u></p> <p>State: <u>New York</u> Zip: <u>10504</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>				
<p>4. Application number(s) or patent number(s):</p> <p>TITLE: DYNAMIC GRAPHICAL DATABASE QUERY INTERFACE</p> <p>If this document is being filed together with a new application, the execution date of the application is _____</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920040339US1 Serial No. 11/097,800</p> </td> <td style="width: 50%; vertical-align: top;"> <p>B. Patent No(s).</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920040339US1 Serial No. 11/097,800</p>	<p>B. Patent No(s).</p>		
<p>A. Patent Application No(s).</p> <p style="text-align: center;">Docket No. ROC920040339US1 Serial No. 11/097,800</p>	<p>B. Patent No(s).</p>				
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="text-align: center;">Steven W. Roth IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Total fee due</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: _____</p> <p style="text-align: center;"><u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>				
DO NOT USE THIS SPACE					
<p>9. Statement and signature</p> <p>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.</p> <table style="width: 100%;"> <tr> <td style="width: 30%;"> <p><u>Steven W. Roth, Reg. No. 34,712</u></p> <p>Name of Person Signing</p> </td> <td style="width: 30%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: center;"> <p><u>April 22, 2005</u></p> Date </td> <td style="width: 10%; text-align: center;"> <p>Total number of pages comprising cover sheet: <u>1</u></p> </td> </tr> </table>		<p><u>Steven W. Roth, Reg. No. 34,712</u></p> <p>Name of Person Signing</p>	 Signature	<p><u>April 22, 2005</u></p> Date	<p>Total number of pages comprising cover sheet: <u>1</u></p>
<p><u>Steven W. Roth, Reg. No. 34,712</u></p> <p>Name of Person Signing</p>	 Signature	<p><u>April 22, 2005</u></p> Date	<p>Total number of pages comprising cover sheet: <u>1</u></p>		

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Docket No. ROC920040339US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|------------------------------|--|
| (1) | Richard Dean Dettinger | City of Rochester
and State of Minnesota |
| (2) | Judy Immaculate Tina Djugash | City of New Brighton
and State of Minnesota |
| (3) | Jeffrey Wayne Tenner | City of Rochester
and State of Minnesota |
| (4) | Hoa Thu Tran | City of Rochester
and State of Minnesota |

have invented certain improvements in:

DYNAMIC GRAPHICAL DATABASE QUERY INTERFACE

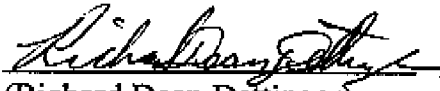
and executed, respectively, a United States patent application therefor on

- | | | | | | |
|-----|-----------|------|-----|-----------|------|
| (1) | March 31, | 2005 | (2) | March 22, | 2005 |
| (3) | March 18, | 2005 | (4) | March 21, | 2005 |

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, I, 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 application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications 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) at Rochester, Minnesota
on 3/31 2005


(Richard Dean Dettinger)
First Name Middle Last Name

Signature
Inventor

Docket No. ROC920040339US1

and (2) at Rochester, Minnesota
on 3/22 2005

Judy Immaculate Tina Djugash Signature
(Judy Immaculate Tina Djugash) Inventor
First Name Middle Middle Last Name

and (3) at Rochester, Minnesota
on 3/18 2005

Jeffrey Wayne Tenner Signature
(Jeffrey Wayne Tenner) Inventor
First Name Middle Last Name

and (4) at Rochester, Minnesota
on 3/21 2005

Hoa Thu Tran Signature
(Hoa Thu Tran) Inventor
First Name Middle Last Name