

Docket No. BEA920040032US1

Form PTO -1595 (Modified)  
(Rev. 6-93)  
OMB 0651-0011 (exp. 4/94)

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<p>1. Name of conveying party(ies): <u>Eric N. Lais</u> <u>Donald R. DeSota</u> <u>Michael Grassi</u> <u>Bruce M. Gilbert</u></p>	<p>2. Nature of Conveyance:</p> <table style="width:100%"> <tr> <td><input checked="" type="checkbox"/> Assignment</td> <td><input type="checkbox"/> Security Agreement</td> </tr> <tr> <td><input type="checkbox"/> License</td> <td><input type="checkbox"/> Change of Name</td> </tr> <tr> <td><input type="checkbox"/> Merger</td> <td><input type="checkbox"/> Other</td> </tr> </table> <p>Execution Date: 12-2-2004: Eric Lais, Michael Grassi, &amp; Donald Desota 12-5-2004: Bruce Gilbert</p>	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement	<input type="checkbox"/> License	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Merger	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement						
<input type="checkbox"/> License	<input type="checkbox"/> Change of Name						
<input type="checkbox"/> Merger	<input type="checkbox"/> Other						

3. Name and address of receiving party(ies):  
Name: International Business Machines Corporation  
Address:  
City: Armonk State: NY  
Country: USA ZIP: 10504

4. Application number(s) or registration number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
Patent Application No. 11/010,205 Patent No.(s) \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Michael Dryja  
Registration No.: 39,662  
Address: 704 228<sup>th</sup> Ave NE #694  
City: Sammamish State: WA  
Country: USA ZIP: 98074  
Telephone: 425-427-5094  
Fax: 425-563-2098

**CUSTOMER NUMBER 49474**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorization hereby provided to charge deposit account

8. Deposit account number: 501336

DO NOT USE THIS SPACE

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.*

Michael Dryja  12-27-04  
Name of Person Signing Signature Date

CH \$40.00 501336 11010205

BEA920040032US1

**ASSIGNMENT OF PATENT APPLICATION**

Whereas, we,

Eric N. Lais  
County of Ulster,City of Tillson,  
and State of New YorkDonald R. DeSota  
County of Multnomah,City of Portland,  
and State of OregonMichael Grassi  
County of Ulster,City of Shokan,  
and State of New YorkBruce M. Gilbert  
County of Washington,City of Beaverton,  
and State of Oregon

each have invented certain improvements in

Memory controller having tables mapping memory addresses to memory modules

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

12/05/04

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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

---

Eric N. Lais

Signed at Beaverton, Oregon, this \_\_\_ day of \_\_\_, \_\_\_\_.

---

Donald R. DeSota

Signed at Poughkeepsie, New York, this \_\_\_ day of \_\_\_, \_\_\_\_.

---

Michael Grassi

Signed at Beaverton, Oregon, this 5<sup>th</sup> day of Dec 2004

Bruce M Gilbert  
Bruce M. Gilbert

Assignment

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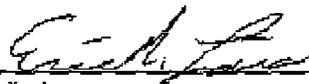
and have executed, respectively, a United States patent application therefor on

12/02/04

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;

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Signed at Poughkeepsie, New York, this 2<sup>nd</sup> day of Dec., 2004.

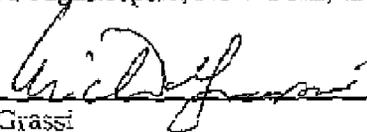


Eric N. Lais

Signed at Beaverton, Oregon, this \_\_\_ day of \_\_\_, \_\_\_.

Donald R. DeSota

Signed at Poughkeepsie, New York, this 2<sup>nd</sup> day of Dec, 2004.



Michael Grassi

Signed at Beaverton, Oregon, this \_\_\_ day of \_\_\_, \_\_\_.

Bruce M. Gilbert

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Signed at Poughkeepsie, New York, this \_\_\_ day of \_\_\_\_.

\_\_\_\_\_  
Eric N. Lais

Signed at Beaverton, Oregon, this 27 day of Dec, 2004.

Donald R. DeSota  
\_\_\_\_\_  
Donald R. DeSota

Signed at Poughkeepsie, New York, this \_\_\_ day of \_\_\_, \_\_\_.

\_\_\_\_\_  
Michael Grassi

Signed at Beaverton, Oregon, this \_\_\_ day of \_\_\_, \_\_\_.

\_\_\_\_\_  
Bruce M. Gilbert

Assignment