

FORM PTO-1595
(Rev. 6-93)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB N. 0651-0011 (exp. 4/94)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Paul E. McKenney, Orran Y. Krieger, and Michal Ostrowski</p> <p>Additional name(s) of conveying party(ies) attached? __ Yes <u>x</u> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>International Business Machines Corp.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>New Orchard Road</u></p> <p>City: <u>Armonk</u> State: <u>NY</u> Zip: <u>10504</u></p> <p>Country: <u>USA</u></p> <p>Additional name(s) & address(es) attached? _ Yes <u>x</u> No</p>
<p>3. Nature of conveyance:</p> <p><u>x</u> Assignment ___ Merger</p> <p>___ Security Agreement ___ Change of Name</p> <p>___ Other - _____</p> <p>Execution: 4/14/04,4/27/04 and 4/19/04</p>	

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: December 19, 2003

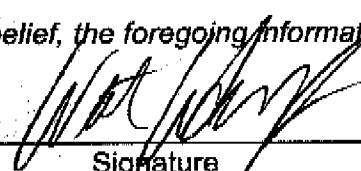
<p>A. Patent Application No.(s) 10/834,699</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? __ Yes x No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Walter W. Duft</u></p> <p>Internal Address: <u>Same as below</u></p> <p>Street Address: <u>8616 Main Street, Suite 2</u></p> <p>City: <u>Williamsville</u> State: <u>New York</u> Zip: <u>14221</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
	<p>7. Total fee (37 C.F.R. 3.41).....\$ <u>40.00</u></p> <p>___ Enclosed</p> <p><u>x</u> Authorized to be charged to deposit account</p>
	<p>8. Deposit account number: <u>09-0466</u></p> <p>(Attached duplicate copy of this page if paying by deposit account)</p>

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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.

Walter W. Duft  July 22, 2004

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5

CH \$40.00 090466 10834699

ASSIGNMENT

Docket: BEA920030029US1

Whereas, I

INVENTOR
AND CITY

(1) Paul E. McKenney
County of Washington

of Beaverton,
and State of Oregon,

(2) Orran Y. Krieger
County of Middlesex

of Newton,
and State of Massachusetts,

(3) Michal Ostrowski
County of New York

of New York,
and State of New York,

have invented certain improvements in

**EFFICIENT SHARING OF MEMORY BETWEEN APPLICATIONS RUNNING UNDER
DIFFERENT OPERATING SYSTEMS ON A SHARED HARDWARE SYSTEM**

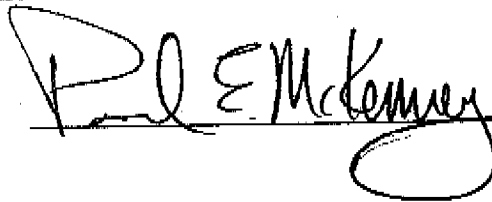
DATES THAT INVENTOR(S) SIGNED THE APPLICATION and executed, respectively, a United States patent application therefor on
(1) 4/14, 2004, (2) _____, 2004,
(3) _____, 2004.

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 inventions 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.

Signed and sealed

CITY (1) at BEAVERTON, OR



SIGNATURE

DATE on APRIL 14, 2004,

INVENTOR

CITY (2) at _____

SIGNATURE

DATE on _____, 2004,

INVENTOR

CITY (3) at _____

SIGNATURE

DATE on _____, 2004,

INVENTOR

ASSIGNMENT

Docket: BEA920030029US1

Whereas, I

INVENTOR
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County of Washington

of Beaverton,
and State of Oregon,

(2) Orran Y. Krieger
County of Middlesex

of Newton,
and State of Massachusetts,

(3) Michal Ostrowski
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have invented certain improvements in

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DATES THAT
INVENTOR(S)
SIGNED THE
APPLICATION

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

- (1) _____, 2004, (2) 4/27, 2004,
- (3) _____, 2004.

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Signed and sealed

CITY (1) at _____ SIGNATURE

DATE on _____, 2004,

INVENTOR

CITY (2) at Cambridge  SIGNATURE

DATE on 04/27, 2004,

INVENTOR

CITY (3) at _____ SIGNATURE

DATE on _____, 2004,

INVENTOR

ASSIGNMENT

Docket: BEA920030029US1

Whereas, I

INVENTOR
AND CITY

(1) Paul E. McKenney
County of Washington

of Beaverton,
and State of Oregon,

(2) Orran Y. Krieger
County of Middlesex

of Newton,
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DATES THAT
INVENTOR(S)
SIGNED THE
APPLICATION

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

(1) _____, 2004, (2) _____, 2004,

(3) April 19, 2004.

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Signed and sealed

CITY (1) at _____ SIGNATURE

DATE on _____, 2004, INVENTOR

CITY (2) at _____ SIGNATURE

DATE on _____, 2004, INVENTOR

CITY (3) at Yorktown Heights NY  SIGNATURE

DATE on 04/19, 2004, INVENTOR