FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. ROC920040362US1

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Commissioner for Patents. Please record the attached orig	inal documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving
	party(ies):
Ricard, Gary Ross	Name: International Business Machines Corporation
Schmidt, William Jon	
	Internal Address:
Additional names of conveying party(ies) attached?	
Additional names of conveying partylesy attached:	
Nature of Conveyance	Street Address: New Orchard Road
3. Mature of conveyance	L City Armonk
□ Merger	State New York Zip 10504
Security Agreement	Additional name(s) & address(es) attached? yes no
Other	, , ,
Execution Date: 01/12/2005; 01/11/2005	
Application number(s) or patent number(s):	OCCO TO DEDUNDANT MIMBED
TITLE: MECHANISM FOR PROVIDING EFFICIENT AC	CESS TO REDOMDANT MONIDER
REPRESENTATIONS	avacution data at the application is
If this document is being filed together with a new application, the	execution date of the application is
A. Patent Application No(s).	Patent No(s).
Serial No. 11/035,718	
Docket No. ROC920040362US1	
<u> </u>	
	_
	iched? Yes No
Name and address of party to whom correspondence	Total number of applications and patents involved:
concerning document should be mailed:	
	7. Total fee (37 CFR 3.41): \$40.00
Steven W. Roth, Consulting Attorney	☐ Enclosed
IBM Corporation - Dept. 917	Li Elicioseo
3605 Highway 52 North Rochester, MN 55901-7829	■ Authorized to be charged to deposit account
Trouble (Trouble)	▼ Total fee dué
	8. Deposit account number:
	09-0465
) ,	
II	
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9. Statement and signature	
Statement and signature To the best of my knowledge and belief, the foregoing information is	True and corport and any attached copy is a true copy of the original
9. Statement and signature	A A
9. Statement and signature To the best of my knowledge and belief, the foregoing information is document. Steven W. Roth, Reg. No. 34,712	7A February 8, 2005
Statement and signature To the best of my knowledge and belief, the foregoing information is	February 8, 2005 Date
9. Statement and signature To the best of my knowledge and belief, the foregoing information is document. Steven W. Roth, Reg. No. 34,712	7A

Docket No. ROC920040362US1

<u>ASSIGNMENT</u>

Whereas	, we
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Gary Ross Ricard (1) County of Olmsted City of Chatfield, and State of Minnesota.

William Jon Schmidt (2)County of Olmsted City of Rochester, and State of Minnesota,

have invented certain improvements in

MECHANISM FOR PROVIDING EFFICIENT ACCESS TO REDUNDANT NUMBER REPRESENTATIONS

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

Dates Inventors

Signed

Cianad

(1) January 12

, 2005, and (2) January 11

, 2005,

Declaration

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.

əigiled		1. 0 0 //	
Inventor (1)	at Rochester, Minnesota	(Gary Ross Ricard)	Inventor Signature
(")	on ///2, 2005.	First Name Middle Last Name	
Inventor (2)	at Rochester, Minnesota	(William Jon Schmidt) First Name Middle Last Name	Inventor Signature

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PATENT

REEL: 015692 FRAME: 0670 **