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MRD 2-21-02

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

1. Name of conveying party(ies):

Michael Wayne Brown Joseph Herbert McIntyre Michael A. Paolini James Mark Weaver Scott Lee Winters

2. Name and address of receiving party(ies):

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

3. Nature of conveyance:

10081014

X Assignment

Execution Date: 2/14/02, 2/14/03, 4/5/02, 2/18/02, 2/14/02

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 2/14/02, 2/14/02, 2/14/02, 2/14/02

A. Patent Application No.(s)

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document

should be mailed:

IBM Corporation Internal Zip 4054 11400 Burnet Road Austin, TX 78758 (512) 823-5884

applications 6.Total number of and patents involved:

7. Total fee (37 CFR 3.41) \$ $\underline{40.00}$

deposit account

8. Deposit account number:

09-0447

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To the best of my knowledge and belief, the foregoing information is true and 9. Statement and signature. correct and any attached copy is a trye copy of the original document.

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03/08/2002 GTON11 00000206 090447

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> PATENT REEL: 012642 FRAME: 0921

ASSIGNMENT

Whereas, we,

(1) Michael Wayne Brown of Georgetown, County of Williamson and State of Texas,

and

(2) Joseph Herbert McIntyre of Austin, County of Travis and State of Texas,

and

(3) Michael A. Paolini of Austin,
County of Travis and State of Texas,

and

(4) James Mark Weaver of Austin,
County of Travis and State of Texas,

and

(5) Scott Lee Winters of Austin,
County of Travis and State of Texas,

have invented certain improvements in

RATING PARTIES ACCORDING TO PARTY IDENTITIES

and executed a United States patent application therefore on	
and exceded a shift of	,2002;
(Date Inventor Signed Declaration) (1) Feb 14	·
	, 2002;
and (2) Feb 14, 2002; and (3) FEB 15	
and (1) (3 18 , 2002; and (5) ITW 14	, 2002.
and (4) FEB 18 , 2002; and (5) FCW 17	_

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 therefore;

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.

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(1)	Signed at	Austin	on <i>Feb</i> 14,	2002.
			Michael Wayne Brown	
(2)	Signed at	Austin	on Feb 14,	2002.
			Joseph Herbert McIntyre	
(3)	Signed at	Acs).	on Feb 15	2002.
(4)	Signed at	AUSTIU	Michael A. Paolini on James Markh James	-18 ^{Tl} 7 2 002.
(4)	Signed at			
(5)	Signed at	Austru tx	James Mark Weaver on FOB 14 Scott Lee Winters	, 2002.