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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
David Charles REED	05/01/2008
Max Douglas SMITH	05/01/2008
Thaise Nicole TRADER	05/01/2008
Robin Lea URSERY	05/01/2008

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12114188	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: TUC920080037US1 (0062)

NAME OF SUBMITTER: John A. Griffiths

Total Attachments: 2

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PATENT REEL: 020948 FRAME: 0801

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PATENT REEL: 020948 FRAME: 0802

IBM Docket No.: TUC9-2008-0037-US1

Assignment

Whereas I/we:

- David Charles REED of Tucson, County of Pima and State of Arizona, (1)
- (2) Max Douglas SMITH of Tucson, County of Pima and State of Arizona,
- (3)Thaiese Nicole TRADER of Tucson, County of Pima and State of Arizona, and
- (4) Robin Lea URSERY of Tucson, County of Pima and State of Arizona,

have invented certain improvements in:

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

(3)
$$5/1$$
 , 2008 (4) $5/1$, 2008

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 in all 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 inventions 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.

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PATENT

REEL: 020948 FRAME: 0803

IBM Docket No.: TUC9-2008-0037-US1

(1) at Tucson		Van / (lex
on <u>s//</u>	_, 2008	David Charles REED
(2) at Tucsow	,	Mass
(2) at <u>Tucso</u> √ on <u>s//</u>	, 2008	Max Douglas SMITH
(3) at <u>Tueson</u>	onacon.	(Mous Ruder)
on 5	, 2008	Thaiese Nicole TRADER

(4) at $\frac{\text{TUCSON}}{\text{on } \frac{5}{1}}$, 2008