Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James Lee Hafner	09/30/2008
Wendy Ann Belluomini	09/30/2008
Douglas William Dewey	09/30/2008

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:	12246195

CORRESPONDENCE DATA

Fax Number: (888)789-1266

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

(888)789-2266 Phone: Email: uspto@i-p-law.us F. Jason Far-hadian Correspondent Name: PO Box 7333 Address Line 1:

Address Line 4: Newport Beach, CALIFORNIA 92658

SJO920080036US1 ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER: F. Jason Far-hadian, Esq.

Total Attachments: 3

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PATENT **REEL: 021639 FRAME: 0093**

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PATENT REEL: 021639 FRAME: 0094 Form **PTO-1595** (Rev. 09-08) OMB No. 0651-0027 (exp. 10/31/2008)

RECORDATION FORM COVER SHEET PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
James Lee Hafner	Name: International Business Machines Corporation	
Wendy Ann Belluomini Douglas William Dewey	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance/Execution Date(s):	Street Address: New Orchard Road	
Execution Date(s) 9/30/2008		
X Assignment Merger	City: Armonk	
Security Agreement Change of Name	OityAimonk	
Joint Research Agreement	State: New York	
Government Interest Assignment	Country: U.S.A. Zip: 10504	
Executive Order 9424, Confirmatory License		
Under 4. Application or patent number(s): ★ This	Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.	
A. Patent Application No.(s) 12/246,195 Additional numbers att	B. Patent No.(s) ached? ☐ Yes ☒ No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved:	
Name: F. Jason Far-hadian	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40	
Internal Address:		
	X Authorized to be charged to deposit account	
Street Address: P.O. Box 7333	Enclosed	
	None required (government interest not affecting title)	
City: Newport Beach	8. Payment Information	
State: CA Zip: 92568		
Phone Number: <u>888-789-2266</u>	Daniel Access of Newsborn	
Fax Number: 888-789-1266	Deposit Account Number	
Email Address: uspto@i-p-law.us	Authorized User Name Far-hadian, Farshad	
9. Signature: /F. Jason Far-hadian/	10/06/2008	
Signature	Date	
F. Jason Far-hadian, Esq. Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 021639 FRAME: 0095

Customer No. 602	67 <u>ASSIGNMENT</u>	Docket No.	SJ0920080036US1
INVENTOR(S)	Whereas, we		
navena (Octo)	(1) <u>James Lee Hafner</u>(2) <u>Wendy Ann Belluomini</u>(3) <u>Douglas William Dewey</u>		
	have invented certain improvements in		
TITLE	DATA INTEGRITY VALIDATION IN A COMPUTIN	IG ENVIRONMENT	
DATES THAT	and executed, respectively, a United States patent		
INVENTORS SIGNED THE DECLARATION	(1) <u> </u>	3 <i>◇ / ○ ∛</i> 2008, (3)	, 2008
business at Arr the said applicate Now therefore, sell, assign, an and invention to priority resulting any Letters Pat hereby agree to	CHNATIONAL BUSINESS MACHINES CORPORAT nonk, New York 10504, (hereinafter called IBM), deathon and invention, and to any United States and for for a valuable consideration, receipt whereof is here it transfer to IBM, its successors and assigns, the erherein disclosed for the United States and foreign conformation from the Ifling of said United States application, an ent granted upon the inventions set forth in said applied IBM may apply for foreign Letters Patent on said with the United States and foreign applications when	sires to acquire the entire right reign patents to be obtained the eign patents to be obtained the eby acknowledged, we, the about reight, title and interest in the buntries, and in all foreign cound we request the Commissions of the request the commissions of the request of the successors of the control and we will execute.	, title and interest in erefor; ove named, hereby ne said application stries, and all rights of er of Patents to issue and assigns; and we
Signed and sealed	ner)	<u>3.0</u> 2008	
1 - (James Kee Haf 1 - 1 / 1 / 1 2 - (Wendy Ahn Be		<u>/30/0%,</u> 2008	

3 - (Douglas William Dewey)

PATENT REEL: 021639 FRAME: 0096

Customer No. 602	67 <u>ASSIGNMENT</u>	Docket No. SJO920080036US1
INIVENITOR/O	Whereas, we	
INVENTOR(S)	(1) James Lee Hafner	_
	(2) Wendy Ann Belluomini	_
	(3) <u>Douglas William Dewey</u>	-
	have invented certain improvements in	
TITLE	DATA INTEGRITY VALIDATION IN A COMPUTING ENVIRONME	INT
DATES THAT	and executed, respectively, a United States patent application there	
INVENTORS SIGNED THE	(1), 2008, (2), 20	08, (3) <u>Sept 30</u> , 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.

Signed and sealed		
	on	, 2008
1 - (James Lee Hafner)		
	on	, 2008
2 - (Wendy Ann Belluomini)	,	
Joyles William Dewey)	on Saple	M30, 2008

PATENT REEL: 021639 FRAME: 0097

RECORDED: 10/06/2008

SIGNED THE **DECLARATION**