

# PATENT ASSIGNMENT

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	11/07/2008
Wendy Ann Belluomini	11/10/2008
Douglas William Dewey	11/10/2008
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:	12269123
CORRESPONDENCE DATA	
Fax Number:	(888)789-1266
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(888)789-2266
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Correspondent Name:	F. Jason Far-hadian
Address Line 1:	PO Box 7333
Address Line 4:	Newport Beach, CALIFORNIA 92658
ATTORNEY DOCKET NUMBER:	SJO920080062US1
NAME OF SUBMITTER:	Grace A. Park
<p>Total Attachments: 5</p> <p>source=! Assignment Cover Sheet#page1.tif</p> <p>source=SJO920080062US1_Assign#page1.tif</p>	

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**PATENT**  
**REEL: 021820 FRAME: 0261**

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

James Lee Hafner  
Wendy Ann Belluomini  
Douglas William Dewey

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/7/2008, 11/10/2008, 11/10/2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Street Address: New Orchard Road

City: Armonk

State: New York

Country: U.S.A. Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/269,123

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: F. Jason Far-hadian

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 7333

City: Newport Beach

State: CA Zip: 92568

Phone Number: 888-789-2266

Fax Number: 888-789-1266

Email Address: uspto@i-p-law.us

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 090466

Authorized User Name Far-hadian, Farshad

### 9. Signature:

/F. Jason Far-hadian/

Signature

11/12/2008

Date

F. Jason Far-hadian, Esq.

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

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: 021820 FRAME: 0263**

**ASSIGNMENT**

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **DATA INTEGRITY VALIDATION USING HIERARCHICAL VOLUME MANAGEMENT**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/269,123

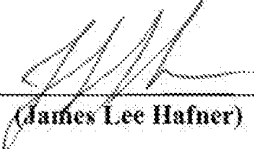
Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

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Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

Executed by Inventor 1 of 3

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Signature:  Date: 11/7/08  
(James Lee Hafner)

Executed by Inventor 2 of 3

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Signature: Wendy Belluomini Date: 11/10/08  
(Wendy Ann Belluomini)

**Executed by Inventor 3 of 3**

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Signature:  Date: Nov. 10, 2008  
(Douglas William Dewey)