

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark James Seaman	02/11/2008
Lu Nguyen	02/12/2008
Prasenjit Sarkar	02/11/2008

RECEIVING PARTY DATA

Name:	International Business machines Corporation
Street Address:	1 New Orchard Rd.
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12030766

CORRESPONDENCE DATA

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 Email: gsmith@gsslawgroup.com
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 Address Line 1: 3900 NEWPARK MALL ROAD, 3RD FLOOR
 Address Line 4: NEWARK, CALIFORNIA 94560

ATTORNEY DOCKET NUMBER:	ARC920070080US1
NAME OF SUBMITTER:	Gregory S. Smith

Total Attachments: 3
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 source=ARC920070080US1_AssignmentasFiled_02-13-08#page2.tif

CH \$40.00 12030766

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) Mark James Seaman Lu Nguyen Prasenjit Sarkar Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>International Business Machines Corporation</u> Internal Address: _____ Street Address: <u>1 New Orchard Road</u> City: <u>Armonk</u> State: <u>New York</u> Country: <u>USA</u> Zip: <u>10504</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>02/11/08, 02/12/08, 02/11/08</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>12/030,766</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>GREGORY SCOTT SMITH</u> <u>GSS LAW GROUP</u> Internal Address: _____ Street Address: <u>3900 Newpark Mall Road, Suite 317</u> City: <u>Newark</u> State: <u>CA</u> Zip: <u>94560</u> Phone Number: <u>(510) 742-7417</u> Fax Number: <u>(510) 742-7419</u> Email Address: <u>gsmith@gsslawgroup.com</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>090441</u> Authorized User Name _____	
9. Signature: _____ Signature <u>GREGORY SCOTT SMITH</u> Name of Person Signing		Date <u>2/13/08</u> Total number of pages including cover sheet, attachments, and documents: 3	

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

ASSIGNMENT

Docket No. ARC920070080US1

Whereas, we

INVENTOR
AND CITY

(1) Mark James Seaman, a citizen of the United States, residing in the city of San Jose,
in the county of Santa Clara, in the State of California.

(2) Lu Nguyen, a citizen of the United States, residing in the city of Tampa,
in the county of Hillsborough, in the State of Florida.

(3) Prasenjit Sarkar, a citizen of India, residing in the city of San Jose,
in the county of Santa Clara, in the State of California

have invented certain improvements in

TITLE

ON-LINE VOLUME COALESCE OPERATION TO ENABLE ON LINE STORAGE SUBSYSTEM
VOLUME CONSOLIDATION

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

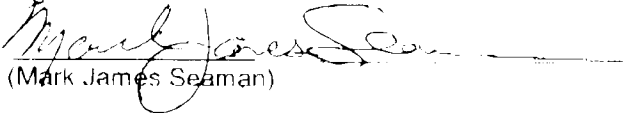
(1) 2/11/ 2008, (2) _____, 2008.

(3) 2/11/ 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


(Mark James Seaman)

on Feb 11, 2008

(Lu Nguyen)

on _____, 2008


(Prasenjit Sarkar)

on Feb 11, 2008

ASSIGNMENT

Docket No. ARC92007008DUS1

Whereas, we

INVENTOR
AND CITY

- (1) Mark James Seaman, a citizen of the United States, residing in the city of San Jose, in the county of Santa Clara, in the State of California
- (2) Lu Nguyen, a citizen of the United States, residing in the city of Tampa in the county of Hillsborough, in the State of Florida
- (3) Prasenjit Sarkar, a citizen of India, residing in the city of San Jose, in the county of Santa Clara, in the State of California.

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TITLE

ON-LINE VOLUME COALESCE OPERATION TO ENABLE ON-LINE STORAGE SUBSYSTEM
VOLUME CONSOLIDATION

DATES THAT
INVENTORS
SIGNED THE (1)
DECLARATION

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

- (1) _____, 2008, (2) 12 FEB, 2008,
- (3) _____, 2008.

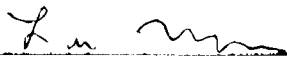
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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

(Mark James Seaman)

on _____, 2008



(Lu Nguyen)

on 12 FEB, 2008

(Prasenjit Sarkar)

on _____, 2008