

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yefim Shuf	02/24/2009
Hong Min	02/24/2009
Hubertus Franke	02/25/2009
Allan Benjamin Lebovitz	02/24/2009
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:	12394572
CORRESPONDENCE DATA	
Fax Number:	(202)293-6229
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-331-7111
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Correspondent Name:	CONNOLLY BOVE LODGE & HUTZ LLP
Address Line 1:	1875 EYE STREET, N.W.
Address Line 2:	SUITE 1100
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006
ATTORNEY DOCKET NUMBER:	20140-00406-US1
NAME OF SUBMITTER:	Arlene Neal
Total Attachments: 5	

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PATENT
REEL: 022323 FRAME: 0953

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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):

Yefim Shuf (02/24/2009), Hong Min (02/24/2009),
Hubertus Franke (02/25/2009), and Allan B.
Lebovitz (02/24/2009)

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

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: United States of America Zip: 10504

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

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

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

12/394,572

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Arlene Neal
CONNOLLY BOVE LODGE & HUTZ LLP

Internal Address: Atty. Dkt.: 20140-00406-US1

Street Address: 1875 Eye Street, NW
Suite 1100

City: Washington

State: DC Zip: 20006

Phone Number: (202) 331-7111

Fax Number: (202) 293-6229

Email Address: BAmernick@cblh.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Arlene Neal/

Signature

Arlene Neal - 43,828

Name of Person Signing

February 27, 2009

Date

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

5

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 24th day of February, 2009, by Yefim Shuf; Hong Min; Hubertus Franke; and Allan Benjamin Lebovitz; (hereinafter referred to as Assignors), residing at 70 Croton Avenue, #2D, Ossining, New York 10562; 12 Manor Way, Poughkeepsie, New York 12603; 3 Darnay Court, Cortlandt Manor, New York 10567; and 604 Kay Springs Court, Morgan Hill, California 95037, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEM AND METHOD FOR AN EFFICIENT QUERY SORT OF A DATA STREAM WITH DUPLICATE KEY VALUES, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, International Business Machines Corporation, a Corporation organized under and pursuant to the laws of New York having its principal place of business at New Orchard Road, Armonk, New York 10504 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 47939

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: Feb 24, 2009

Signature: Yefim Shuf
Yefim Shuf

Date: Feb/24/2009

Signature: Hong Min
Hong Min

Date: Feb/25/2009

Signature: Hubertus Franke
Hubertus Franke

Date: F

Signature: Allan Benjamin Lebovitz
Allan Benjamin Lebovitz

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Date: _____

Signature: _____

Yefim Shuf

Date: _____

Signature: _____

Hong Min

Date: _____

Signature: _____

Hubertus Franke

Date: 2/24/09

Signature: _____

Allan Benjamin Lebovitz
Allan Benjamin Lebovitz

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20140-00408-US1