

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4725717

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ORDER OF THE NAMED INVENTORS AS SHOWN IN THE ORIGINAL FILED ASSIGNMENT previously recorded on Reel 024193 Frame 0268. Assignor(s) hereby confirms the ORDER OF THE NAMED INVENTORS IN THE ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
LIGANG LU	02/25/2010
ASHISH JAGMOHAN	03/12/2010
DAKE HE	02/25/2010
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
Patent Number:	8532220
CORRESPONDENCE DATA	
Fax Number:	(408)463-3030
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	408-463-5676
Email:	lldrev@us.ibm.com
Correspondent Name:	INTERNATIONAL BUSINESS MACHINES CORP
Address Line 1:	1101 KITCHAWAN ROAD, ROUTE 134, P.O. BOX 218
Address Line 2:	IP LAW DEPARTMENT T.J. WATSON RESEARCH CENTER
Address Line 4:	YORKTOWN, NEW YORK 10598
ATTORNEY DOCKET NUMBER:	YOR920080479US1
NAME OF SUBMITTER:	ALICIA BROOKS
SIGNATURE:	/Alicia Brooks/
DATE SIGNED:	12/08/2017
Total Attachments: 14	

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dake He</td> <td>02/25/2010</td> </tr> <tr> <td>Ashish Jagmohan</td> <td>03/12/2010</td> </tr> <tr> <td>Ligang Lu</td> <td>02/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Dake He	02/25/2010	Ashish Jagmohan	03/12/2010	Ligang Lu	02/25/2010		
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Ashish Jagmohan	03/12/2010										
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504
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Application Number:	12712740										
CORRESPONDENCE DATA											
<p>Fax Number: (203)255-6570</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 203-255-6560</p> <p>Email: bab@rml-law.com</p> <p>Correspondent Name: Kevin M. Mason</p> <p>Address Line 1: Ryan, Mason & Lewis, LLP</p> <p>Address Line 2: 1300 Post Road, Suite 205</p> <p>Address Line 4: Fairfield, CONNECTICUT 06824</p>											
ATTORNEY DOCKET NUMBER:	YOR920080479US1										
NAME OF SUBMITTER:	Kevin M. Mason										
<p>Total Attachments: 7</p> <p>source=YOR920080479US1_Assignment_4-6-10#page1.tif</p>											

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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: **METHODS AND APPARATUS FOR SECURE DISTRIBUTION OF DATA USING N CHANNELS**

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: _____ (insert series code and serial number here if/when available)

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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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.

[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature: _____ Date: _____
Ligang Lu

Executed by Inventor 2

Signature: _____ Date: _____
Ashish Jagmohan

Executed by Inventor 3

Signature:  _____ Date: Feb. 25, 2010
Dake He

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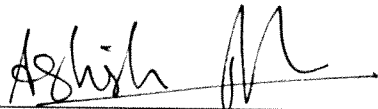
Executed by Inventor 1

Signature: _____ Date: _____

Ligang Lu

Executed by Inventor 2

Signature: _____ Date: _____


Ashish Jagmohan

03/12/10

Executed by Inventor 3

Signature: _____ Date: _____

Dake He

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[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature:  Date: 2/25/2010
Ligang Lu

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Signature: _____ Date: _____
Ashish Jagmohan

Executed by Inventor 3

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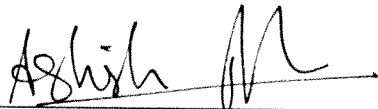
Executed by Inventor 1

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