

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Lisa Amini</td><td>07/10/2007</td></tr> <tr><td>Marion Lee Blount</td><td>07/08/2007</td></tr> <tr><td>John Sidney Davis II</td><td>07/09/2007</td></tr> <tr><td>Wim De Pauw</td><td>07/09/2007</td></tr> <tr><td>Archan Misra</td><td>07/09/2007</td></tr> <tr><td>Daby Mousse Sow</td><td>07/10/2007</td></tr> <tr><td>Chitra Venkatramani</td><td>07/10/2007</td></tr> <tr><td>Min Wang</td><td>07/09/2007</td></tr> </tbody> </table>		Name	Execution Date	Lisa Amini	07/10/2007	Marion Lee Blount	07/08/2007	John Sidney Davis II	07/09/2007	Wim De Pauw	07/09/2007	Archan Misra	07/09/2007	Daby Mousse Sow	07/10/2007	Chitra Venkatramani	07/10/2007	Min Wang	07/09/2007
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Min Wang	07/09/2007																		
<b>RECEIVING PARTY DATA</b>																			
<b>Name:</b>	International Business Machines Corporation																		
<b>Street Address:</b>	New Orchard Road																		
<b>City:</b>	Armonk																		
<b>State/Country:</b>	NEW YORK																		
<b>Postal Code:</b>	10504																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>11760070</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11760070														
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<b>Application Number:</b>	11760070																		
<b>CORRESPONDENCE DATA</b>																			
<b>Fax Number:</b>	(516)759-9512																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
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<b>Address Line 4:</b>	Locust Valley, NEW YORK 11560																		

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ATTORNEY DOCKET NUMBER:	YOR920070310US1
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NAME OF SUBMITTER:	Robert W. Griffith
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**Total Attachments: 3**

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**ASSIGNMENT**

Whereas, we

Inventor  
and City

(1) **Lisa Amini** of Yorktown Heights  
County of Westchester and State of New York

(2) **Marion Lee Blount** of Mahopac  
County of Putnam and State of New York

(3) **John Sidney Davis II** of New York  
County of New York and State of New York

(4) **Wim De Pauw** of Scarborough  
County of Westchester and State of New York

(5) **Archan Misra** of Bridgewater  
County of Somerset and State of New Jersey

(6) **Daby Mousse Sow** of White Plains  
County of Westchester and State of New York

(7) **Chitra Venkatramani** of Roslyn Heights  
County of Nassau and State of New York

and (8) **Min Wang** of Cortlandt Manor  
County of Westchester and State of New York

have invented certain improvements in

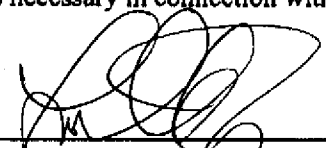
TITLE **METHODS AND APPARATUS FOR FUNCTIONAL MODEL-BASED DATA PROVENANCE IN  
STREAM PROCESSING ENVIRONMENTS**

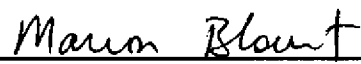
described in United States patent application Serial No. 11/760,070, filed on June 8, 2007 and executed on

DATE THAT INVENTORS SIGNED THE DECLARATION (1) July 10 2007 (2) \_\_\_\_\_ 2007 (3) July 9<sup>th</sup> 2007 (4) July 9 2007  
(5) July 9<sup>th</sup> 2007 (6) July 10<sup>th</sup> 2007 (7) July 10<sup>th</sup> 2007  
and (8) July 9<sup>th</sup> 2007

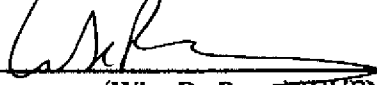
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and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

CITY DATE Signed (1) at Hawthorne, NY on July 10 2007,  SIGNATURE  
(Lisa Amini) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed (2) at Hawthorne, NY on July 8 2007,  SIGNATURE  
(Marion Lee Blount) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed (3) at Hawthorne, NY on July 9 2007,  SIGNATURE  
(John Sidney Davis II) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed (4) at Hawthorne, NY on July 9th 2007,  SIGNATURE  
(Wim De Pauw) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed (5) at Hawthorne, NY on July 9th 2007,  SIGNATURE  
(Archan Misra) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed (6) at Hawthorne, NY on July 10th 2007,  SIGNATURE  
(Daby Mousse Sow) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and  
DATE Signed  
(7) at Hawthorne, NY  
on July 10<sup>th</sup> 2007,



\_\_\_\_\_  
(Chitra Venkatramani) INVENTOR  
SIGNATURE  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY  
DATE Signed  
(8) at Hawthorne, NY  
on July 9<sup>th</sup> 2007,



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(Min Wang) INVENTOR  
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