

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2727596

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the OMITTED INVENTOR NAMES ON ORIGINAL RECORDATION AND TO ADD THE EXECUTED PAGES OF THESE INVENTORS TO THE RECORDED ASSIGNMENT previously recorded on Reel 019446 Frame 0703. Assignor(s) hereby confirms the ADDED EXECUTED ASSIGNMENT PAGES/DOCUMENTS FOR M. MCALLISTER, M. MCKENNA, J. SLONIM.

**CONVEYING PARTY DATA**

Name	Execution Date
JENNIFER L. HAWKINS	05/23/2007
DARSHANAND KHUSIAL	05/25/2007
KELLY A. LYONS	05/23/2007
MICHAEL J. MCALLISTER	01/09/2014
ROSS MCKEGNEY	05/23/2007
MARK D. MCKENNA	01/09/2014
JACOB SLONIM	01/09/2014

**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:	11753847

**CORRESPONDENCE DATA**

Fax Number: (919)542-5125

Phone: 919-542-1956

Email: docketing@leelawpllc.com

*Correspondence will be sent via US Mail when the email attempt is unsuccessful.*

Correspondent Name: LEE LAW, PLLC IBM CUSTOMER NUMBER

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Address Line 4: PITTSBORO, NORTH CAROLINA 27312

ATTORNEY DOCKET NUMBER: CA920060094US1

NAME OF SUBMITTER: CHRISTOPHER B. LEE

Signature: /Christopher B. Lee/

Date: 02/14/2014

**Total Attachments: 15**

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**PATENT ASSIGNMENT**

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jennifer L. Hawkins</td><td>05/23/2007</td></tr><tr><td>Darshanand Khusial</td><td>05/25/2007</td></tr><tr><td>Kelly A. Lyons</td><td>05/23/2007</td></tr><tr><td>Ross McKegney</td><td>05/23/2007</td></tr></tbody></table>	Name	Execution Date	Jennifer L. Hawkins	05/23/2007	Darshanand Khusial	05/25/2007	Kelly A. Lyons	05/23/2007	Ross McKegney	05/23/2007	
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<b>RECEIVING PARTY DATA</b>											
<table border="1"><tr><td><b>Name:</b></td><td>International Business Machines Corporation</td></tr><tr><td><b>Street Address:</b></td><td>New Orchard Road</td></tr><tr><td><b>City:</b></td><td>Armonk</td></tr><tr><td><b>State/Country:</b></td><td>NEW YORK</td></tr><tr><td><b>Postal Code:</b></td><td>10504</td></tr></table>	<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	
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<b>State/Country:</b>	NEW YORK										
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<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b> (518)449-0047 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b> (518) 449-0044											
<b>Email:</b> LCapraro@hwdpatents.com											
<b>Correspondent Name:</b> Hoffman, Warnick & D'Alessandro LLC											
<b>Address Line 1:</b> 75 State Street 14th floor											
<b>Address Line 4:</b> Albany, NEW YORK 12207											
<b>ATTORNEY DOCKET NUMBER:</b>	CA920060094US1										
<b>NAME OF SUBMITTER:</b>	Joseph J. Christian										
<b>Signature:</b>	/Joseph J. Christian/										

**PATENT**

<b>Date:</b>	06/19/2007
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**Total Attachments: 3**

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**RECEIPT INFORMATION**

<b>EPAS ID:</b>	PAT307470
<b>Receipt Date:</b>	06/19/2007
<b>Fee Amount:</b>	\$40

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**PATENT**

**PATENT ASSIGNMENT FORM**

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"),  
Armonk, New York 10504**

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

**SYSTEM AND METHOD FOR RESOLVING INTERDEPENDENCIES BETWEEN HETEROGENEOUS  
ARTIFACTS IN A SOFTWARE SYSTEM**

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number CA920060094US1**;

(select one): ☒ executed concurrently herewith or Serial No. \_\_\_\_\_ Filed on \_\_\_\_\_

including any and all divisionals or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

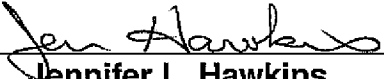
Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisionals and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

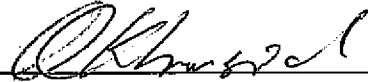
Each undersigned inventor hereby grants IBM and the firm of Hoffman, Warnick & D'Alessandro LLC the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

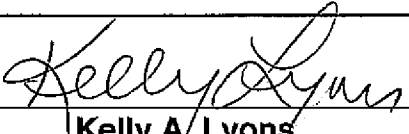
Executed by Inventor 1 of 7

Signature:  Date: May 23/07  
Jennifer L. Hawkins

Executed by Inventor 2 of 7

Signature:  Date: May 25/07  
Darshanand Khusial


Executed by Inventor 3 of 7

Signature:  Date: May 23, 2007  
Kelly A. Lyons

Executed by Inventor 4 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Michael J. McAllister

Executed by Inventor 5 of 7

Signature:  Date: May 23, 2007  
Ross McKegney

Executed by Inventor 6 of 7

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark D. McKenna**

Executed by Inventor 7 of 7

---

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jacob Slonim**

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as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by Attorney Docket Number CA920060094US1;

(select one): ☐ executed concurrently herewith or Serial No. 11753,847 Filed on May 25, 2007

including any and all divisionals or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Executed by Inventor 1 of 7

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jennifer L. Hawkins**

Executed by Inventor 2 of 7

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Darshanand Khusial**

Executed by Inventor 3 of 7

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Kelly A. Lyons**

Executed by Inventor 4 of 7

---

Signature: Michael McAllister Date: January 9, 2014  
**Michael J. McAllister**

Executed by Inventor 5 of 7

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Ross McKegney**

Executed by Inventor 6 of 7

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Executed by Inventor 6 of 7

Signature:  Date: Jan. 9 2014  
Mark D. McKenna

Executed by Inventor 7 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Jacob Slonim

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**Ross McKegney**

**PATENT**  
DOCKET NO.: CA920060094US1

Executed by Inventor 6 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark D. McKenna**

Executed by Inventor 7 of 7

Signature: Jacob Slonim Date: Jan. 09. 2014  
**Jacob Slonim**