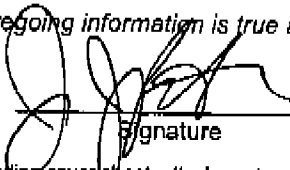


Attorney Docket: YOR920060222US1 (163-133)

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Aditya Agrawal Helko Hary Ludwig Asit Dan John A. Pershing, Jr. Tamar Eilam Hendrik Wagner Michael H. Kalantar Steve R. White Alexander V. Konstantinou 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: INTERNATIONAL BUSINESS MACHINES CORPORATION Internal Address: _____ _____ _____ Street Address: _____ _____ City: ARMONK State: NY Zip: 10504 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 7/7/06; 7/17/06; 6/29/06; 6/29/06; 6/28/06 7/5/06; 6/29/06; 7/6/06; 7/5/06	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 11/489,089 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: KEUSEY, TUTUNJIAN & BITETTO, P.C. Internal Address: _____ Suite 210 _____ Street Address: 20 Crossways Park North _____ Woodbury City: _____ State: NY Zip: 11797	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0510 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> James J. Bitetto _____ Name of Person Signing </div> <div style="width: 30%; text-align: center;">  _____ Signature </div> <div style="width: 30%; text-align: center;"> 8/2/06 _____ Date </div> </div> <div style="text-align: center; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: 9 </div>			

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 Washington, D.C. 20231

CH \$40.00 500510 11489089

(IBM Docket) YOR920060222US1 (163-133)**Assignment**

Whereas, I/we

INVENTOR AND CITY	(1) Aditya Agrawal County of Middlesex	of Cambridge and State of Massachusetts
INVENTOR AND CITY	(2) Asit Dan County of Westchester	of Pleasantville and State of New York
INVENTOR AND CITY	(3) Tamar Eilam County of New York	of New York and State of New York
INVENTOR AND CITY	✓(4) Michael H. Kalantar County of Orange	of Chapel Hill and State of North Carolina
INVENTOR AND CITY	✓(5) Alexander V. Konstantinou County of New York	of New York and State of New York
INVENTOR AND CITY	✓(6) Heiko Hary Ludwig County of New York	of New York and State of New York
INVENTOR AND CITY	✓(7) John A. Pershing, Jr. County of Westchester	of Cortlandt Manor and State of New York
INVENTOR AND CITY	(8) Hendrik Wagner County of Stuttgart	of Stuttgart Country of Germany
INVENTOR AND CITY	✓(9) Steve R. White County of New York	of New York and State of New York

have invented certain improvements in

TITLE

**AUTOMATED DESIGN FOR DEPLOYMENT OF A DISTRIBUTED
APPLICATION USING CONSTRAINT PROPAGATION**DATES THAT
INVENTORS
SIGNED THE
DECLARATIONand executed, respectively, a United States patent application
therefor on (1) July 7, 2006; (2) July 17, 2006;(3) June, 29, 2006; (4) June 29, 2006; (5) 6/28, 2006,
(6) July 5, 2006; (7) June 29, 2006, (8) July 6, 2006
and (9) July 5, 2006.

(IBM Docket) YOR920060222US1 (163-133)

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 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 applications 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

CITY AND

(1) at Cambridge, MA

DATE

on 7/7/ 2006,

SIGNATURE

Aditya Agrawal

(Aditya Agrawal) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(2) at _____

DATE

on _____ 2006,

SIGNATURE

(Asit Dan) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(3) at _____

DATE

on _____ 2006,

SIGNATURE

(Tamar Eilam) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME


(IBM Docket) YOR920060222US1 (163-133)

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 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 applications 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

CITY AND (1) at _____
DATE on 2006,
SIGNATURE _____
(Aditya Agrawal) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at Somers
DATE on July 17, 2006,
SIGNATURE 
(Asit Dan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at _____
DATE on 2006,
SIGNATURE _____
(Tamar Eilam) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(IBM Docket) YOR920060222US1 (163-133)

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;

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Signed and sealed

CITY AND (1) at _____
DATE on 2006,
SIGNATURE _____
(Aditya Agrawal) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at _____
DATE on 2006,
SIGNATURE _____
(Asit Dan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at Hawthorne, NY
DATE on June 29 2006,
SIGNATURE Tamar Eilam
(Tamar Eilam) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(IBM Docket) YOR920060222US1 (163-133)

CITY AND

(4) at Hawthorne, NY

DATE

on June 29 2006,

SIGNATURE

Michael Kalantar
(Michael H. Kalantar) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(5) at New York, NY

DATE

on 6/28 2006,

SIGNATURE

A.V. Konstantinou
(Alexander V. Konstantinou) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(6) at Hawthorne, NY

DATE

on July 5th 2006,

SIGNATURE

Heiko Ludwig
(Heiko Hary Ludwig) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(7) at Hawthorne, NY

DATE

on June 29 2006,

SIGNATURE

John A. Pershing, Jr.
(John A. Pershing, Jr.) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(8) at _____

DATE

on _____ 2006,

SIGNATURE

(Hendrik Wagner) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(IBM Docket) YOR920060222US1 (163-133)

CITY AND (4) at _____

DATE on 2006,

SIGNATURE _____

(Michael H. Kalantar) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (5) at _____

DATE on 2006,

SIGNATURE _____

(Alexander V. Konstantinou) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (6) at _____

DATE on 2006,

SIGNATURE _____

(Heiko Hary Ludwig) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (7) at _____

DATE on 2006,

SIGNATURE _____

(John A. Pershing, Jr.) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (8) at Böblingen, Germany

DATE on 07/06/ 2006,

SIGNATURE _____

H. Wagner
(Hendrik Wagner) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(IBM Docket) YOR920060222US1 (163-133)

CITY AND

(9) at Hawthorne, NY

DATE

on July 5 2006,

SIGNATURE

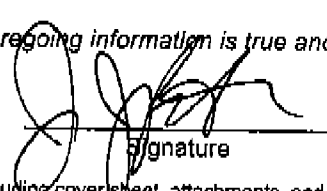
Steve A. White

(Steve R. White) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

4 of 4

Attorney Docket: YOR920060222US1 (163-133)

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>7/7/06; 7/17/06; 6/29/06; 6/29/06; 6/28/06</u> <u>7/5/06; 6/29/06; 7/6/06; 7/5/06</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) B. Patent No.(s) <u>11/489,089</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>KEUSEY, TUTUNJIAN & BITETTO, P.C.</u> Internal Address: _____ <u>Suite 210</u> _____ Street Address: <u>20 Crossways Park North</u> _____ <u>Woodbury</u> City: _____ State: <u>NY</u> Zip: <u>11797</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-0510</u> (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>James J. Bitetto</u>  <u>8/2/06</u> Name of Person Signing Signature Date			
Total number of pages including cover sheet, attachments, and documents: 9			

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