

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the name of two Applicants from FARRAH, HANNA to FARAH, HANNA and ANTKIEWICZ, MICHAEL to ANTKIEWICZ, MICHAL previously recorded on Reel 019994 Frame 0592. Assignor(s) hereby confirms the assignment of Assignors' interest to International Business Machines Corporation.

CONVEYING PARTY DATA

Name	Execution Date
Hanna Farah	10/05/2007
Michal Antkiewicz	10/08/2007
Marcellus Mindel	10/05/2007
Adam Murray	10/06/2007
Timothy Lethbridge	10/05/2007

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:	11858613

CORRESPONDENCE DATA

Fax Number: (561)244-1062
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 561-922-3845
Email: sgreenberg@crgplaw.com
Correspondent Name: Carey, Rodriguez, Greenberg & Paul, LLP
Address Line 1: 950 Peninsula Corporate Circle
Address Line 2: Suite 3020
Address Line 4: Boca Raton, FLORIDA 33487

501002773

PATENT
REEL: 023450 FRAME: 0799

OP \$40.00 11858613

ATTORNEY DOCKET NUMBER:	CA920060080US1
NAME OF SUBMITTER:	Steven M. Greenberg
<p>Total Attachments: 15</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page1.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page2.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page3.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page4.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page5.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page6.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page7.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page8.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page9.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page10.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page11.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page12.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page13.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page14.tif</p> <p>source=1124-078U_RequestforCorrectiveAssignment#page15.tif</p>	

TO: CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP COMPANY: 950 PENINSULA CORPORATE CI

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

10/22/2007
500380780

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hanna Farrah</td><td>10/05/2007</td></tr><tr><td>Michael Antkiewicz</td><td>10/08/2007</td></tr><tr><td>Marcellus Mindel</td><td>10/05/2007</td></tr><tr><td>Adam Murray</td><td>10/06/2007</td></tr><tr><td>Timothy Lethbridge</td><td>10/05/2007</td></tr></tbody></table>		Name	Execution Date	Hanna Farrah	10/05/2007	Michael Antkiewicz	10/08/2007	Marcellus Mindel	10/05/2007	Adam Murray	10/06/2007	Timothy Lethbridge	10/05/2007
Name	Execution Date												
Hanna Farrah	10/05/2007												
Michael Antkiewicz	10/08/2007												
Marcellus Mindel	10/05/2007												
Adam Murray	10/06/2007												
Timothy Lethbridge	10/05/2007												
RECEIVING PARTY DATA													
<table border="1"><tr><td>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		
Name:	International Business Machines Corporation												
Street Address:	New Orchard Road												
City:	Armonk												
State/Country:	NEW YORK												
Postal Code:	10504												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11858613</td></tr></tbody></table>		Property Type	Number	Application Number:	11858613								
Property Type	Number												
Application Number:	11858613												
CORRESPONDENCE DATA													
Fax Number: (561)244-1062 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 561-922-3845													
Email: sgreenberg@crgplaw.com													
Correspondent Name: Carey, Rodriguez, Greenberg & Paul, LLP													
Address Line 1: 950 Peninsula Corporate Circle													
Address Line 2: Suite 3020													
Address Line 4: Boca Raton, FLORIDA 33487													
ATTORNEY DOCKET NUMBER:	CA920060080US1 (078)												
NAME OF SUBMITTER:	Steven M. Greenberg												

CH \$40.00 11858613

TO: CAREY, RODRIGUEZ, GREENBERG & PAUL, LLP COMPANY: 950 PENINSULA CORPORATE CI

Total Attachments: 6

source=1124-078U_Assignment#page1.tif

source=1124-078U_Assignment#page2.tif

source=1124-078U_Assignment#page3.tif

source=1124-078U_Assignment#page4.tif

source=1124-078U_Assignment#page5.tif

source=1124-078U_Assignment#page6.tif



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz](#)
[alerts](#) | [News](#) | [Help](#)

*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hanna Farrah	10/05/2007
Michael Antkiewicz	10/08/2007
Marcellus Mindel	10/05/2007
Adam Murray	10/06/2007
Timothy Lethbridge	10/05/2007
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:	11858613

CORRESPONDENCE DATA**Fax Number:** (561)244-1062*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.***Phone:** 561-922-3845**Email:** sgreenberg@crgplaw.com**Correspondent Name:** Carey, Rodriguez, Greenberg & Paul, LLP**Address Line 1:** 950 Peninsula Corporate Circle**Address Line 2:** Suite 3020**Address Line 4:** Boca Raton, FLORIDA 33487**ATTORNEY
DOCKET
NUMBER:**

CA920060080US1 (078)

**NAME OF
SUBMITTER:**

Steven M. Greenberg

Signature:

/Steven M. Greenberg/

Date:	10/22/2007
--------------	------------

Total Attachments: 6

source=1124-078U_Assignment#page1.tif

source=1124-078U_Assignment#page2.tif

source=1124-078U_Assignment#page3.tif

source=1124-078U_Assignment#page4.tif

source=1124-078U_Assignment#page5.tif

source=1124-078U_Assignment#page6.tif

RECEIPT INFORMATION**EPAS ID:** PAT390964**Receipt Date:** 10/22/2007**Fee Amount:** \$40**[Return to home page](#)****[Start another assignment from the same template](#)**[| HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)**PATENT****REEL: 023450 FRAME: 0805**

ASSIGNMENT

WHEREAS, we:

- (1) Hanna Farah of Ottawa, Canada
- (2) Michael Antkiewicz of Waterloo, Canada
- (3) Marcellus Mindel of Nepean, Canada
- (4) Adam Murray of Ottawa, Canada
- (5) Timothy Lethbridge of Ottawa, Canada

have invented certain improvements in

**SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS
FOR TRACKING AND VIEWING CHANGES TO INFORMATION
STORED IN A DATA STRUCTURE**

and executed, respectively, a United States patent application therefore on the following date(s):

- (1) October 05, 2007
- (2) _____
- (3) October 5, 2007
- (4) _____
- (5) _____

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 in all 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 invention 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.

ASSIGNMENT

WHEREAS, we:

- (1) Hanna Farrah of Ottawa, Canada
- (2) Michael Antkiewicz of Waterloo, Canada
- (3) Marcellus Mindel of Nepean, Canada
- (4) Adam Murray of Ottawa, Canada
- (5) Timothy Lethbridge of Ottawa, Canada

have invented certain improvements in

**SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS
FOR TRACKING AND VIEWING CHANGES TO INFORMATION
STORED IN A DATA STRUCTURE**


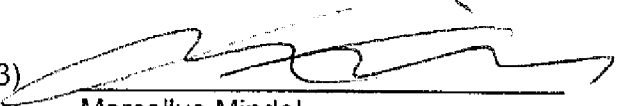
and executed, respectively, a United States patent application therefore on the following date(s):

- (1) _____
- (2) _____
- (3) _____
- (4) Adam Murray Oct 6, 2007
- (5) _____

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 in all 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 invention 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.

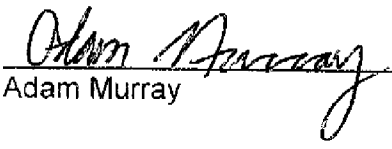
Signed and Sealed

- (1)  on October 05, 2007.
Hanna Farah
- (2) _____ on _____, 2007.
Michael Antkiewicz
- (3)  on October 5, 2007.
Marcellus Mindel
- (4) _____ on _____, 2007.
Adam Murray
- (5) _____ on _____, 2007.
Timothy Lethbridge

Signed and Sealed

- (1) Hanna Farah on _____, 2007.
- (2) *Michal Antkiewicz* on Oct 8, 2007.
- (3) Marcellus Mindel on _____, 2007.
- (4) Adam Murray on _____, 2007.
- (5) Timothy Lethbridge on _____, 2007.

Signed and Sealed

- (1) _____ on _____, 2007.
Hanna Farrah
- (2) _____ on _____, 2007.
Michael Antkiewicz
- (3) _____ on _____, 2007.
Marcellus Mindel
- (4)  on Oct 6, 2007.
Adam Murray
- (5) _____ on _____, 2007.
Timothy Lethbridge

Signed and Sealed

- (1) _____ on _____, 2007.
Hanna Farah
- (2) _____ on _____, 2007.
Michael Antkiewicz
- (3) _____ on _____, 2007.
Marcellus Mindel
- (4) _____ on _____, 2007.
Adam Murray
- (5) _____ on Oct 5, 2007.
Timothy Lethbridge