

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Lisa Amini</td><td>01/15/2008</td></tr><tr><td>Brian Christopher Barker</td><td>01/16/2008</td></tr><tr><td>Perry G. Hartswick</td><td>01/16/2008</td></tr><tr><td>Deepak S. Turaga</td><td>01/14/2008</td></tr><tr><td>Olivier Verscheure</td><td>01/15/2008</td></tr><tr><td>Justin Wai-chow Wong</td><td>01/16/2008</td></tr></tbody></table> | Name | Execution Date | Lisa Amini | 01/15/2008 | Brian Christopher Barker | 01/16/2008 | Perry G. Hartswick | 01/16/2008 | Deepak S. Turaga | 01/14/2008 | Olivier Verscheure | 01/15/2008 | Justin Wai-chow Wong | 01/16/2008 | |
| Name | Execution Date | | | | | | | | | | | | | | |
| Lisa Amini | 01/15/2008 | | | | | | | | | | | | | | |
| Brian Christopher Barker | 01/16/2008 | | | | | | | | | | | | | | |
| Perry G. Hartswick | 01/16/2008 | | | | | | | | | | | | | | |
| Deepak S. Turaga | 01/14/2008 | | | | | | | | | | | | | | |
| Olivier Verscheure | 01/15/2008 | | | | | | | | | | | | | | |
| Justin Wai-chow Wong | 01/16/2008 | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12017779</td></tr></tbody></table> | Property Type | Number | Application Number: | 12017779 | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 12017779 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | YOR920070490US1 | | | | | | | | | | | | | | |

CH \$40.00 12017779

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PATENT
REEL: 020396 FRAME: 0825

NAME OF SUBMITTER:

William E. Lewis

Total Attachments: 3

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ASSIGNMENT

Docket No. YOR920070490US1

INVENTOR
AND CITY

Whereas, we

(1) **Lisa Amini**
County of Westchester
and (2) **Brian Christopher Barker**
County of Dutchess
and (3) **Perry G. Hartswick**
County of Dutchess
and (4) **Deepak S. Turaga**
County of Rockland
and (5) **Olivier Verscheure**
County of Dutchess
and (6) **Justin Wai-chow Wong**
County of Chittenden

of Yorktown Heights,
and State of New York,
of Poughkeepsie,
and State of New York,
of Millbrook,
and State of New York,
of Nanuet,
and State of New York,
of Hopewell Junction,
and State of New York,
of South Burlington,
and State of Vermont,

have invented certain improvements in

TITLE

MULTI-MODAL DATA ANALYSIS FOR DEFECT IDENTIFICATION

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) _____, 2008, (2) _____, 2008, (3) _____, 2008,
(4) _____, 2008, (5) _____, 2008, (6) _____, 2008.

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 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 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.

Signed and sealed


Lisa Amini

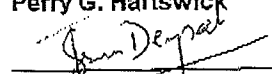
on January 15, 2008

Brian Christopher Barker

on _____, 2008

Perry G. Hartswick

on _____, 2008


Deepak S. Turaga

on JANUARY 14, 2008


Olivier Verscheure

on JANUARY 15, 2008

Justin Wai-chow Wong

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on _____, 2008

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Olivier Verscheure

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Justin Wai-chow Wong

on 1-16, 2008

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RECORDED: 01/22/2008

REEL: 020396 FRAME: 0829