

# PATENT ASSIGNMENT

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|                                                                                                                                                                                                                                                                                                                                       |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| SUBMISSION TYPE:                                                                                                                                                                                                                                                                                                                      | NEW ASSIGNMENT                              |
| NATURE OF CONVEYANCE:                                                                                                                                                                                                                                                                                                                 | ASSIGNMENT                                  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                           |                                             |
| Name                                                                                                                                                                                                                                                                                                                                  | Execution Date                              |
| Anand Ranganathan                                                                                                                                                                                                                                                                                                                     | 03/09/2011                                  |
| Anton V. Riabov                                                                                                                                                                                                                                                                                                                       | 03/14/2011                                  |
| Octavian Udrea                                                                                                                                                                                                                                                                                                                        | 03/09/2011                                  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                           |                                             |
| Name:                                                                                                                                                                                                                                                                                                                                 | International Business Machines Corporation |
| Street Address:                                                                                                                                                                                                                                                                                                                       | New Orchard Road                            |
| City:                                                                                                                                                                                                                                                                                                                                 | Armonk                                      |
| State/Country:                                                                                                                                                                                                                                                                                                                        | NEW YORK                                    |
| Postal Code:                                                                                                                                                                                                                                                                                                                          | 10504                                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                      |                                             |
| Property Type                                                                                                                                                                                                                                                                                                                         | Number                                      |
| Application Number:                                                                                                                                                                                                                                                                                                                   | 13043952                                    |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                            |                                             |
| Fax Number:                                                                                                                                                                                                                                                                                                                           | (203)255-6570                               |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                                                                                                                                  |                                             |
| Phone:                                                                                                                                                                                                                                                                                                                                | 203-255-6560                                |
| Email:                                                                                                                                                                                                                                                                                                                                | car@rml-law.com                             |
| Correspondent Name:                                                                                                                                                                                                                                                                                                                   | RYAN, MASON & LEWIS, LLP                    |
| Address Line 1:                                                                                                                                                                                                                                                                                                                       | 1300 POST ROAD                              |
| Address Line 2:                                                                                                                                                                                                                                                                                                                       | SUITE 205                                   |
| Address Line 4:                                                                                                                                                                                                                                                                                                                       | FAIRFIELD, CONNECTICUT 06824                |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                               | YOR920110116US1                             |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                    | Michael J. Cooper                           |
| Total Attachments: 5<br>source=YOR920110116US1_FiledAssignment_06032011#page1.tif<br>source=YOR920110116US1_FiledAssignment_06032011#page2.tif<br>source=YOR920110116US1_FiledAssignment_06032011#page3.tif<br>source=YOR920110116US1_FiledAssignment_06032011#page4.tif<br>source=YOR920110116US1_FiledAssignment_06032011#page5.tif |                                             |

CH \$40.00 13043952

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**PATENT**  
**REEL: 026384 FRAME: 0037**

# **RECORDATION FORM COVER SHEET PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**

**Anand Ranganathan, Anton V. Riabov and  
Octavian Udrea**

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

**2. Name and address of receiving party(ies)**

**Name: International Business Machines Corporation**

**Internal Address:**

**Street Address: New Orchard Road**

**City: Armonk State: NY ZIP: 10504**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

**Execution Date: March 9, 2011, March 14, 2011,  
March 9, 2011**

**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) 13/043,952, Filed March 9, 2011**

**B. Patent No.(s)**

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

**Name: Michael J. Cooper**

**Internal Address: Ryan, Mason & Lewis, LLP**

**Street Address: 1300 Post Road, Suite 205**

**City: Fairfield State: CT ZIP: 06824**

**6. Total number of applications and patents involved: 1**

**7. Total Fee (37 CFR 3.41)..... \$ 40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

**8. Deposit account number 50-0510**

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**9. Statement and signature.**

*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.*

**Michael J. Cooper**

**Reg. No. 57,749**

  
**Signature**

**June 3, 2011**

**Date**

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**YOR920110116US1**

**PATENT**

**REEL: 026384 FRAME: 0038**

**ASSIGNMENT**

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **CROSS-PLATFORM COMPILER FOR DATA TRANSFORMS**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: \_\_\_\_\_.

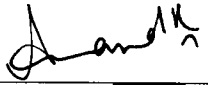
Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

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Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) 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, and any disputes will be resolved in a New York state court or federal court sited in New York.

**Executed by Inventor 1 of 3**

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Signature:  Date: 3/9/11  
Anand Ranganathan

IBM DOCKET NUMBER: YOR920110116US1

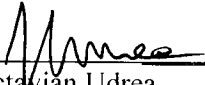
**Executed by Inventor 2 of 3**

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Signature:  Date: 3/14/2011  
Anton V. Riabov

**Executed by Inventor 3 of 3**

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Signature:  Date: 3/9/2011  
Octavian Udrea