

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marcos Dias de Assuncao</td> <td>06/18/2012</td> </tr> <tr> <td>Bruno D. Flach</td> <td>06/14/2012</td> </tr> <tr> <td>Maira A. de C. Gatti</td> <td>06/18/2012</td> </tr> <tr> <td>Rudy R. Harry Putra</td> <td>06/08/2012</td> </tr> <tr> <td>Takashi Imamichi</td> <td>06/11/2012</td> </tr> <tr> <td>Marco Aurelio Stelmar Netto</td> <td>06/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marcos Dias de Assuncao	06/18/2012	Bruno D. Flach	06/14/2012	Maira A. de C. Gatti	06/18/2012	Rudy R. Harry Putra	06/08/2012	Takashi Imamichi	06/11/2012	Marco Aurelio Stelmar Netto	06/18/2012
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Takashi Imamichi	06/11/2012														
Marco Aurelio Stelmar Netto	06/18/2012														
<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>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13526030</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13526030										
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Application Number:	13526030														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(516)742-4366														
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ATTORNEY DOCKET NUMBER:	YOR920120262US1 (28697)														

CH \$40.00 13526030

NAME OF SUBMITTER:

Steven Fischman

**Total Attachments: 28**

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**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: **EFFICIENT EVALUATION OF NETWORK ROBUSTNESS  
WITH A GRAPH**

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: 13/526,030 (insert series code and serial number here if/when available)

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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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Executed by Inventor 1 of 6

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Signature: Marcos Assunção  
Marcos DIAS DE ASSUNCAO

Date: 18-jun-12

**Executed by Inventor 2 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Bruno D. FLACH**

**Executed by Inventor 3 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Maira A. de C. GATTI**

**Executed by Inventor 4 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Rudy R. HARRY PUTRA**

**Executed by Inventor 5 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Takashi IMAMICHI**




IBM DOCKET NUMBER: YOR920120262US1

Executed by Inventor 6 of 6

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Signature: \_\_\_\_\_



Date: \_\_\_\_\_

June 10<sup>th</sup> 2012

**Marco Aurelio STELMAR NETTO**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Marcos DIAS DE ASSUNCAO**

IBM DOCKET NUMBER: YOR920120262US1

Executed by Inventor 2 of 6

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Signature: Bruno D. Flach  
Bruno D. FLACH

Date: June 14th, 2012

IBM DOCKET NUMBER: YOR920120262US1

**Executed by Inventor 3 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Maira A. de C. GATTI**

**Executed by Inventor 4 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Rudy R. HARRY PUTRA**

**Executed by Inventor 5 of 6**

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Signature: Maira Gatti Date: 18/06/12  
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**Marcos DIAS DE ASSUNCAO**

**Executed by Inventor 2 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Bruno D. FLACH**

**Executed by Inventor 3 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Maira A. de C. GATTI**

IBM DOCKET NUMBER: YOR920120262US1

Executed by Inventor 4 of 6

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Signature: Rudy Raymond Date: June 8, 2012  
Rudy R. HARRY PUTRA

IBM DOCKET NUMBER: YOR920120262US1

Executed by Inventor 5 of 6

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Signature: Takashi Imamichi Date: 2012 June 11  
Takashi IMAMICHI

**Executed by Inventor 6 of 6**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Marco Aurelio STELMAR NETTO**