

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Malcolm S. Allen-Ware</td> <td>05/25/2012</td> </tr> <tr> <td>Wei Huang</td> <td>05/24/2012</td> </tr> <tr> <td>Fadi M. Kassem</td> <td>05/24/2012</td> </tr> <tr> <td>Karthick Rajamani</td> <td>05/23/2012</td> </tr> <tr> <td>Todd J. Rosedahl</td> <td>05/24/2012</td> </tr> <tr> <td>Guillermo J. Silva</td> <td>05/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Malcolm S. Allen-Ware	05/25/2012	Wei Huang	05/24/2012	Fadi M. Kassem	05/24/2012	Karthick Rajamani	05/23/2012	Todd J. Rosedahl	05/24/2012	Guillermo J. Silva	05/24/2012
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Todd J. Rosedahl	05/24/2012														
Guillermo J. Silva	05/24/2012														
<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>13488822</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13488822										
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Application Number:	13488822														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(972)733-1575														
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ATTORNEY DOCKET NUMBER:	AUS920120066US1														

CH \$40.00 13488822

NAME OF SUBMITTER:

Stephen J. Walder, Jr.

**Total Attachments: 8**

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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:  
**PREDICTING ENERGY SAVINGS**

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

Application No. 13/488,822 (insert serial/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 hereafter in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, renewals, re-examinations, renewals, subdivisions, counterparts, substitutes, and amendments 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 executing this Assignment and 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.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the right under this Assignment to IBM and is unaware of any reason why they may not have the full and unconditional 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 issue in this Assignment any further identification (including, but not limited to, patent application number) which may be necessary or desirable for execution of this Assignment. This Assignment is governed by the substantive law 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.

[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature: *Marcin S. Allen-Ware* Date: 6-25-12  
Marcin S. Allen-Ware

Executed by Inventor 2

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Wei Huang

Executed by Inventor 3

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Yudi M. Keswani

Executed by Inventor 4

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Kishick Rajanath

Executed by Inventor 5

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Yudi J. Keswani

Executed by Inventor 6

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Eduardo J. Silva

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Malcolm S. Allen-Ware

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Signature:  \_\_\_\_\_ Date: 05/24/2012  
Wei Huang

Executed by Inventor 3

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Fadi M. Kassam

Executed by Inventor 4

Signature:  \_\_\_\_\_ Date: 5/23/2012  
Karthick Rajamani

Executed by Inventor 5

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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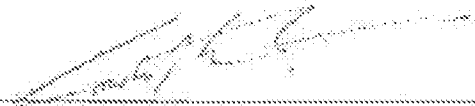
Executed by Inventor 1

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Malcolm S. Allen-Ware

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Wei Huang

Executed by Inventor 3

Signature:  \_\_\_\_\_ Date: 5/24/2012  
Fadi M. Kassem

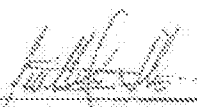
Executed by Inventor 4

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Karthick Rajamani

Executed by Inventor 5

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Todd J. Rosdahl

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Guilherme J. Silva



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Todd J. Rosedale

Executed by Inventor 6

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