

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John B. Carter	05/26/2010
Wael R. El-Essawy	05/27/2010
Elmootazbellah N. Elnozahy	05/26/2010
Madhusudan K. Iyengar	05/27/2010
Thomas W. Keller Jr.	05/26/2010
Jian Li	05/26/2010
Karthick Rajamani	05/28/2010
Juan C. Rubio	05/26/2010
William E. Speight	05/26/2010
Lixin Zhang	05/26/2010

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:	12789583

CORRESPONDENCE DATA

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 Address Line 1: WALDER INTELLECTUAL PROPERTY LAW, P.C.

CH \$40.00 12789583

501242752

**PATENT
 REEL: 024737 FRAME: 0524**

Address Line 2: 17330 PRESTON ROAD, SUITE 100B
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ATTORNEY DOCKET NUMBER: AUS920100208US1

NAME OF SUBMITTER: Stephen J. Walder, Jr.

Total Attachments: 12

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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:

SCALABLE SPACE-OPTIMIZED AND ENERGY-EFFICIENT COMPUTING SYSTEM

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: 12/789,583 (insert series code and serial number here if/when available)

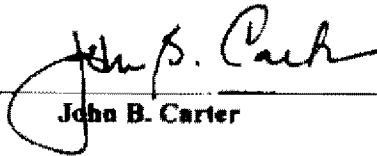
Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention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

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.

{Inventor Signature Pages Follow}


Executed by Inventor 1 of 10

Signature:  Date: 5/26/2010
John B. Carter

Executed by Inventor 2 of 10

Signature: _____ Date: _____
Wael R. El-Essawy


Executed by Inventor 3 of 10

Signature:  Date: 5-26-2010
Elmootazbellah N. Elsozaby

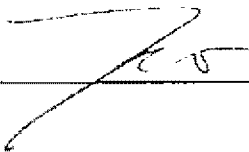
Executed by Inventor 4 of 10

Signature: _____ Date: _____
Madhusudan K. Iyengar

Executed by Inventor 5 of 10

Signature:  Date: 5-26-2010
Thomas W. Keller, Jr.


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Signature:  Date: 05/26/2010
Jian Li


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Signature: _____ Date: _____
Karthick Rajamani

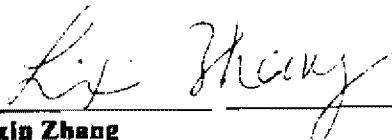
Executed by Inventor 8 of 10

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Signature: Wael R. El-Eskawy Date: 5/27/2010
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Signature: *Madhusudan K. Iyengar* Date: 5.27.2010
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Jian Li

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Signature: *R. Karthick* Date: *May 28, 2010*
Karthick Rajamani

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