

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Christian Borntraeger	06/09/2010
Christian Ehrhardt	06/18/2010
Carsten Otte	06/18/2010
Martin Schwidefsky	06/11/2010
Ulrich Weigand	06/09/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12824297
<b>CORRESPONDENCE DATA</b>	
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NAME OF SUBMITTER:	Marisa J. Dubuc

CH \$40.00 12824297

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**PATENT  
 REEL: 024600 FRAME: 0591**

**Total Attachments: 10**

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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: **MEMORY RESOURCE MANAGEMENT COMPUTER**

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: 12/824, 297 (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 Page(s) Follows]

Executed by Inventor 1

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Signature:  Date: 06-09-2010  
Christian Borotraeger

Executed by Inventor 2

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Ehrhardt

Executed by Inventor 3

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Otte

Executed by Inventor 4

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Martin Schwidofsky

Executed by Inventor 5

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Ulrich Weigand

ASSIGNMENT

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Title of the Invention: **MEMORY RESOURCE MANAGEMENT COMPUTER**

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[Inventor Signature Page(s) Follows]

Executed by Inventor 1

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Borntraeger

Executed by Inventor 2

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Signature: C. Ehrhardt Date: Fri June 18th 2010  
Christian Ehrhardt

Executed by Inventor 3

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Otte

Executed by Inventor 4

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Martin Schwidefsky

Executed by Inventor 5

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Ulrich Weigand

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Executed by Inventor 1

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Borntraeger

Executed by Inventor 2

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Ehrhardt

Executed by Inventor 3

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Signature: Carsten Otte Date: June 18th 2010  
Carsten Otte

Executed by Inventor 4

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Martin Schwidelsky

Executed by Inventor 5

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Ulrich Weigand



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Christian Borntraeger

Executed by Inventor 2

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Ehrhardt

Executed by Inventor 3

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Otte

Executed by Inventor 4

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Signature: M. Schwidelsky Date: 11.6.2010  
Martin Schwidelsky

Executed by Inventor 5

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Ulrich Weigand

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Christian Borntraeger

Executed by Inventor 2

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christian Ehrhardt

Executed by Inventor 3

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Otte

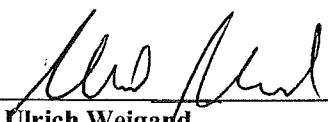
Executed by Inventor 4

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Martin Schwidefsky

Executed by Inventor 5

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Signature:  \_\_\_\_\_ Date: 6/9/2010  
Ulrich Weigand