

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Charles J. Alpert</td><td>06/08/2010</td></tr><tr><td>Gi-Joon Nam</td><td>06/08/2010</td></tr><tr><td>Zhuo Li</td><td>06/08/2010</td></tr><tr><td>Shyam Ramji</td><td>06/08/2010</td></tr><tr><td>Jarrod A. Roy</td><td>06/08/2010</td></tr><tr><td>Taraneh Taghavi</td><td>06/08/2010</td></tr><tr><td>Natarajan Viswanathan</td><td>06/08/2010</td></tr><tr><td>Paul G. Villarrubia</td><td>06/08/2010</td></tr><tr><td>Lakshmi Reddy</td><td>06/08/2010</td></tr></tbody></table>		Name	Execution Date	Charles J. Alpert	06/08/2010	Gi-Joon Nam	06/08/2010	Zhuo Li	06/08/2010	Shyam Ramji	06/08/2010	Jarrod A. Roy	06/08/2010	Taraneh Taghavi	06/08/2010	Natarajan Viswanathan	06/08/2010	Paul G. Villarrubia	06/08/2010	Lakshmi Reddy	06/08/2010
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RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>1 New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>		Name:	International Business Machines Corporation	Street Address:	1 New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504										
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CORRESPONDENCE DATA																					
Fax Number: (832)415-9359																					
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone: 281-973-5342																					
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Correspondent Name: IBM Corp. (AUS/RCR) c/o Rolnik Law Firm,																					
Address Line 1: 24 N. Main St.																					
Address Line 4: Kingwood, TEXAS 77339																					

CH \$40.00 12796550

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PATENT
REEL: 024562 FRAME: 0001

ATTORNEY DOCKET NUMBER:	AUS92010233US1
NAME OF SUBMITTER:	Robert C. Rolnik
<p>Total Attachments: 20</p> <p>source=AUS920100233US1_Assignment_06-18-10#page1.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page2.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page3.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page4.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page5.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page6.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page7.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page8.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page9.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page10.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page11.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page12.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page13.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page14.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page15.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page16.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page17.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page18.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page19.tif</p> <p>source=AUS920100233US1_Assignment_06-18-10#page20.tif</p>	

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: **POST-PLACEMENT CELL SHIFTING**

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: 12/796,550 (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 therefore 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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[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature: _____ Date: _____
Charles J. Alpert


Executed by Inventor 2

Signature: _____ Date: _____
Zhuo Li

Executed by Inventor 3

Signature: _____ Date: _____
Gi-Joon Nam

Executed by Inventor 4

Signature:  _____ Date: 06/08/2010
Shyam Ranji

Executed by Inventor 5

Signature: _____ Date: _____
Lakshmi N. Reddy

Executed by Inventor 6

Signature: _____ Date: _____
Jarrod A. Roy

Executed by Inventor 7

Signature: _____ Date: _____
Taraneh Taghavi

Executed by Inventor 8

Signature: _____ Date: _____
Paul G. Villarrubia

Executed by Inventor 9

Signature: _____ Date: _____
Natarajan Viswanathan

IBM DOCKET NUMBER: AUS920100233US1

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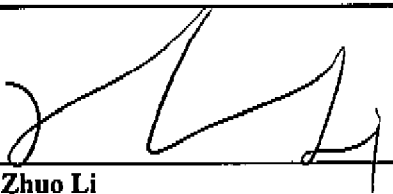
[Inventor Signature Page(s) Follows]

IBM DOCKET NUMBER: AUS920100233US1

Executed by Inventor 1

Signature:  Date: 6/8/10
Charles J. Alpert

Executed by Inventor 2

Signature:  Date: 06/08/2010
Zhuo Li

Executed by Inventor 3

Signature:  Date: 06/08/2010
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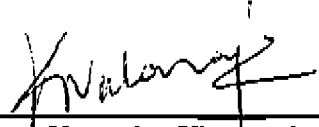
Signature: _____ Date: _____
Taraneh Taghavi

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Signature:  Date: 06/03/10
Natarajan Viswanathan

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Signature: Lakshmi N. Reddy Date: 06-08-2010
Lakshmi N. Reddy

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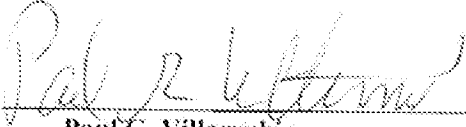
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