

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard W. Doing</td> <td>08/24/2007</td> </tr> <tr> <td>Michael O. Klett</td> <td>08/24/2007</td> </tr> <tr> <td>Kevin N. Magill</td> <td>08/14/2007</td> </tr> <tr> <td>Brian R. Mestan</td> <td>08/10/2007</td> </tr> <tr> <td>David Mui</td> <td>08/10/2007</td> </tr> <tr> <td>Balaram Sinharoy</td> <td>08/20/2007</td> </tr> <tr> <td>Jeffrey R. Summers</td> <td>08/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	Richard W. Doing	08/24/2007	Michael O. Klett	08/24/2007	Kevin N. Magill	08/14/2007	Brian R. Mestan	08/10/2007	David Mui	08/10/2007	Balaram Sinharoy	08/20/2007	Jeffrey R. Summers	08/10/2007
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Jeffrey R. Summers	08/10/2007																
<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>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11845838</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11845838												
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<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(512)823-1036																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
<b>Phone:</b>	5128230092																
<b>Email:</b>	carterb@us.ibm.com																
<b>Correspondent Name:</b>	Casimer K. Salys																
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<b>Address Line 2:</b>	IBM-Intellectual Property Law																
<b>Address Line 4:</b>	Austin, TEXAS 78758																
<b>ATTORNEY DOCKET NUMBER:</b>	AUS920070245US1																

CH \$40.00 11845838

**PATENT**

**500343032**

**REEL: 019753 FRAME: 0517**

NAME OF SUBMITTER:

Casimer K. Salys

**Total Attachments: 9**

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AUS920070245US1

**ASSIGNMENT**

Whereas, we,

- (1) Richard W. Doing of Raleigh  
County of Wake and State of NC
- (2) Michael O. Klett of Raleigh  
County of Wake and State of NC
- (3) Kevin N. Magill of Raleigh  
County of Wake and State of NC
- (4) Brian R. Mestan of Austin  
County of Travis and State of TX
- (5) David Mui of Round Rock  
County of Williamson and State of TX
- (6) Balaram Sinharoy of Poughkeepsie  
County of Dutchess and State of NY
- (7) Jeffrey R. Summers of Raleigh  
County of Wake and State of NC

have invented certain improvements in

**METHOD AND APPARATUS FOR DYNAMICALLY MANAGING INSTRUCTION  
BUFFER DEPTHS FOR NON-PREDICTED BRANCHES**

and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) August 24, (2007); (2) August 24, (2007);  
 (3) August 14, (2007); (4) \_\_\_\_\_, (2007); (5) \_\_\_\_\_, (2007);  
 (6) \_\_\_\_\_, (2007) and (7) August 10 (2007).

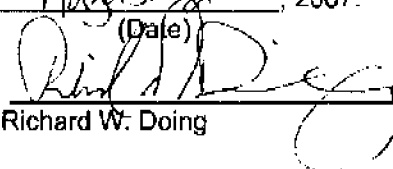
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

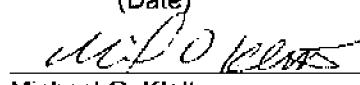
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and in all foreign countries, and all rights of priority resulting from the filing of said United States application in the United States and in all foreign countries, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM


AUS920070245US1

may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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