

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>Roch G. Archambault</td> <td>08/08/2007</td> </tr> <tr> <td>Shimin Cui</td> <td>07/19/2007</td> </tr> <tr> <td>Yaoqing Gao</td> <td>08/13/2007</td> </tr> <tr> <td>Raul E. Silvera</td> <td>07/25/2007</td> </tr> <tr> <td>Peng Zhao</td> <td>07/19/2007</td> </tr> </tbody> </table>		Name	Execution Date	Roch G. Archambault	08/08/2007	Shimin Cui	07/19/2007	Yaoqing Gao	08/13/2007	Raul E. Silvera	07/25/2007	Peng Zhao	07/19/2007
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Raul E. Silvera	07/25/2007												
Peng Zhao	07/19/2007												
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													
<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>11775848</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11775848								
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Application Number:	11775848												
CORRESPONDENCE DATA													
Fax Number:	(561)244-1062												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	CA920070009US1 (067)												
NAME OF SUBMITTER:	Steven M. Greenberg												

CH \$40.00 11775848

Total Attachments: 2

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ASSIGNMENT

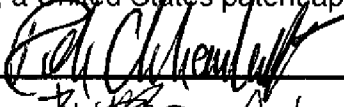


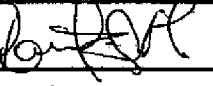
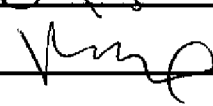
WHEREAS, we:

- (1) Roch G. Archambault of North York, Ontario, Canada
- (2) Shimin Cui of Toronto, Ontario, Canada
- (3) Yaoqing Gao of North York, Ontario, Canada
- (4) Raul E. Silvera of Woodbridge, Ontario, Canada
- (5) Peng Zhao of Markham, Ontario, Canada

have invented certain improvements in

DATA SPLITTING FOR RECURSIVE DATA STRUCTURES


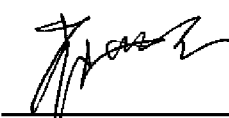
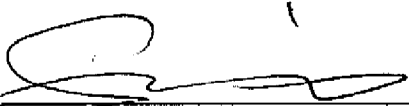
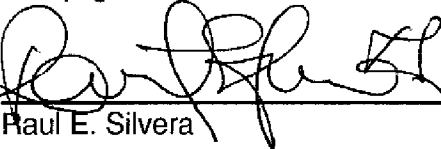
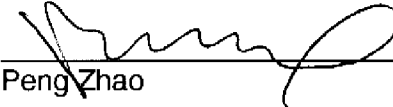
and executed, respectively, a United States patent application therefore on the following date(s):

- (1)  August 8, 2007
- (2)  July 19, 2007
- (3)  Aug 13, 2007
- (4)  July 25, 2007
- (5)  July 19, 2007

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 therefor;

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 foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, 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 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.

Signed and Sealed

- (1) 
Roch G. Archambault on August 8, 2007.
- (2) 
Shimin Cui on July 19, 2007.
- (3) 
Yaoqing Gao on Aug 13, 2007.
- (4) 
Raul E. Silvera on July 25, 2007.
- (5) 
Peng Zhao on July 19, 2007.