

**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>Christian Marcelo Garcia-Arellano</td> <td>03/15/2006</td> </tr> <tr> <td>Sam Sampson Lightstone</td> <td>03/30/2006</td> </tr> <tr> <td>Adam J. Storm</td> <td>03/15/2006</td> </tr> <tr> <td>Wojciech Kuczynski</td> <td>03/15/2006</td> </tr> <tr> <td>Matthew Albert Huras</td> <td>03/20/2006</td> </tr> <tr> <td>Xun Xue</td> <td>03/15/2006</td> </tr> <tr> <td>Matthew James Carroll</td> <td>03/19/2006</td> </tr> </tbody> </table>		Name	Execution Date	Christian Marcelo Garcia-Arellano	03/15/2006	Sam Sampson Lightstone	03/30/2006	Adam J. Storm	03/15/2006	Wojciech Kuczynski	03/15/2006	Matthew Albert Huras	03/20/2006	Xun Xue	03/15/2006	Matthew James Carroll	03/19/2006
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	IBM 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>11278130</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11278130												
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<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(202)293-7860																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20037																
<b>ATTORNEY DOCKET NUMBER:</b>	A9154																

**CH \$40.00 11278130**

**PATENT**

NAME OF SUBMITTER:

Jay Lytle

Total Attachments: 4

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# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

- (1) **Christian Marcelo GARCIA-ARELLANO** City of Toronto  
County of Canada Province of Ontario
- (2) **Sam Sampson LIGHTSTONE** City of Toronto  
County of Canada Province of Ontario
- (3) **Adam J. STORM** City of Thornhill  
County of Canada Province of Ontario
- (4) **Wojciech KUCZYNSKI** City of Oshawa  
County of Canada Province of Ontario
- (5) **Matthew Albert HURAS** City of Ajax  
County of Canada Province of Ontario
- (6) **Xun XUE** City of Markham  
County of Canada Province of Ontario
- (7) **Matthew James CARROLL** City of Scarborough  
County of Canada Province of Ontario

have invented certain improvements in

TITLE

**Systems and Methods for Self-Tuning Memory**

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

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

- (1) \_\_\_\_\_ (2) March 30, 2000
- (3) \_\_\_\_\_ (4) \_\_\_\_\_
- (5) \_\_\_\_\_ (6) \_\_\_\_\_
- (7) \_\_\_\_\_

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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed:

CITY  
DATE

(1) at \_\_\_\_\_  
on \_\_\_\_\_

**PATENT**  
Chris REEL: 047393 FRAME: 0453 O

**ASSIGNMENT CONTINUED**

CITY  
DATE

(2) at Rammin, Israel  
on March 20, 2005

  
Sam Sampson LIGHTSTONE

CITY  
DATE

(3) at \_\_\_\_\_  
on \_\_\_\_\_

Adam J. STORM

CITY  
DATE

(4) at \_\_\_\_\_  
on \_\_\_\_\_

Wojciech KUCZYNSKI

CITY  
DATE

(5) at \_\_\_\_\_  
on \_\_\_\_\_

Matthew Albert HURAS

CITY  
DATE

(6) at \_\_\_\_\_  
on \_\_\_\_\_

Xun XUE

CITY  
DATE

(7) at \_\_\_\_\_  
on \_\_\_\_\_

PATENT  
Matthew James CARROLL

# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

- (1) **Christian Marcelo GARCIA-ARELLANO** City of **Richmond Hill**  
County of **Canada** Province of **Ontario**
- (2) **Sam Sampson LIGHTSTONE** City of **Toronto**  
County of **Canada** Province of **Ontario**
- (3) **Adam J. STORM** City of **Toronto**  
County of **Canada** Province of **Ontario**
- (4) **Wojciech KUCZYNSKI** City of **Oshawa**  
County of **Canada** Province of **Ontario**
- (5) **Matthew Albert HURAS** City of **Ajax**  
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- (7) March 15/2006


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Signed:

CITY  
DATE

(1) at Markham, Ontario CA  
on March 15 2006

  
\_\_\_\_\_  
Christian Marcelo GARCIA-ARELLANO

Docket No: CA9-2005-0097

Page 2 of 2

ASSIGNMENT CONTINUED

CITY (2) at \_\_\_\_\_  
DATE on \_\_\_\_\_ Sam Sampson LIGHTSTONE

CITY (3) at Markham, Ontario  
DATE on March 15, 2006 Adam J. STOBM

CITY (4) at Markham, Ontario  
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