

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>Marcus Silva</td><td>07/29/2008</td></tr><tr><td>Martin Roetteler</td><td>07/29/2008</td></tr></tbody></table>		Name	Execution Date	Marcus Silva	07/29/2008	Martin Roetteler	07/29/2008
Name	Execution Date						
Marcus Silva	07/29/2008						
Martin Roetteler	07/29/2008						
RECEIVING PARTY DATA							
Name:	NEC Laboratories America, Inc.						
Street Address:	4 Independence Way						
Internal Address:	Suite 200						
City:	Princeton						
State/Country:	NEW YORK						
Postal Code:	11797						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12182378</td></tr></tbody></table>		Property Type	Number	Application Number:	12182378		
Property Type	Number						
Application Number:	12182378						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	James J. Bitetto						
Total Attachments: 1 source=07031_Assignment#page1.tif							

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PATENT

500607249

REEL: 021314 FRAME: 0563

ASSIGNMENT

Whereas, we,

- (1) **Marcus Silva**, of University of Waterloo, 200 University Ave. West,  
Waterloo, ON, Canada N2L 3G1 and  
(2) **Martin Roetteler**, of 465 Meadow Road, Apt. 8203, Princeton, NJ 08540

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application entitled:

**SYSTEM AND METHOD FOR QUANTUM COMPUTER CALIBRATION  
AND PERFORMANCE ESTIMATION**

Whereas, **NEC Laboratories America, Inc.**  
4 Independence Way, Suite 200  
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

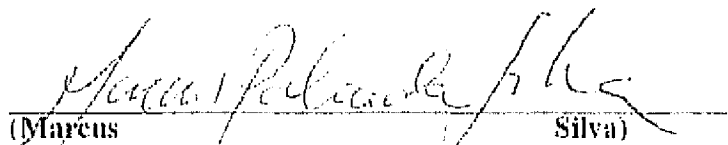
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:


INVENTOR 1:

DATED on July 27, 2008

  
(**Marcus** **Silva**)  
First Name Middle Initial Last Name

INVENTOR 2:

DATED on July 29, 2008

  
(**Martin** **Roetteler**)  
First Name Middle Initial Last Name