

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Malay K Ganai</td> <td>03/14/2005</td> </tr> <tr> <td>Aarti Gupta</td> <td>03/14/2005</td> </tr> <tr> <td>Pranav N Ashar</td> <td>03/10/2005</td> </tr> </tbody> </table>		Name	Execution Date	Malay K Ganai	03/14/2005	Aarti Gupta	03/14/2005	Pranav N Ashar	03/10/2005
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Malay K Ganai	03/14/2005								
Aarti Gupta	03/14/2005								
Pranav N Ashar	03/10/2005								
RECEIVING PARTY DATA									
Name:	NEC Laboratories America, Inc.								
Street Address:	4 Independence Way								
Internal Address:	Suite 200								
City:	Princeton								
State/Country:	NEW JERSEY								
Postal Code:	08540								
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>11037920</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11037920				
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Application Number:	11037920								
CORRESPONDENCE DATA									
Fax Number:	(609)951-2480								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Jill Thompson								
Total Attachments: 2 source=signed assignment 11037920#page1.tif source=signed assignment 11037920#page2.tif									

CH \$40.00 11037920

PATENT

ASSIGNMENT

Whereas, we,

- (1) MALAY K. GANAI, of 410 Fox Run Drive, Plainsboro, New Jersey;
- (2) AARTI GUPTA, of 157 Broadmead Street, Princeton, New Jersey; and
- (3) PRANAV ASHAR, of 82 Updikes Mill Road, Belle Mead, New Jersey;

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 11/037,920, filed on January 18, 2005, entitled:

EFFICIENT MODELING OF EMBEDDED MEMORIES IN BOUNDED MEMORY CHECKING

Whereas, NEC Laboratories America, Inc.
4 Independence Way
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:

CITY at South Brunswick
DATE on 3/14/05

Malay K
 (MALAY K GANAI)
 First Name Middle Initial Last Name

State of NJ
County of Middlesex ss: 14th day of March 2005
Inventor (1) On this before me personally came Malay K. Ganai to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Jill M. Thompson
 Notary
 JILL M. THOMPSON
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES 9/12/07

INVENTOR 2:

CITY at Princeton

DATE on 3/14/05

Aarti Gupta

(AARTI GUPTA)
First Name Last Name

State of NJ

County of Middlesex ss.

Inventor (2) On this 14th day of March, 2005, before me personally came Aarti Gupta to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Jill M. Thompson
Notary

JILL M. THOMPSON
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 9/12/07

INVENTOR 3:

CITY at SANTA CLARA, CA

DATE on 3/10/05

Pranav Ashar

(PRANAV ASHAR)
First Name Last Name

Witnessed by: Rajiv Kumar

Print Name: RAJIV KUMAR

Date: 3/10/05