

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>Aarti Gupta</td><td>06/21/2004</td></tr><tr><td>Malay Ganai</td><td>06/21/2004</td></tr><tr><td>Zijiang Yang</td><td>06/16/2004</td></tr><tr><td>Pranav Ashar</td><td>06/21/2004</td></tr></tbody></table>	Name	Execution Date	Aarti Gupta	06/21/2004	Malay Ganai	06/21/2004	Zijiang Yang	06/16/2004	Pranav Ashar	06/21/2004	
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Zijiang Yang	06/16/2004										
Pranav Ashar	06/21/2004										
RECEIVING PARTY DATA											
Name:	NEC Laboratories America, Inc.										
Street Address:	4 Independence Way										
City:	Princeton										
State/Country:	NEW JERSEY										
Postal Code:	08540										
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>10762499</td></tr></tbody></table>	Property Type	Number	Application Number:	10762499							
Property Type	Number										
Application Number:	10762499										
CORRESPONDENCE DATA											
Fax Number:	(609)951-2480										
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Total Attachments: 2											
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PATENT

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REEL: 014759 FRAME: 0160

ASSIGNMENT

Whereas, we,

- (1) **Aarti Gupta**, of 157 Broadmead Street, Princeton, NJ 08540;
- (2) **Malay Ganai**, of 410 Fox Run Drive, Plainsboro, NJ 08536;
- (3) **Zijiang Yang**, of 17041 Algonquin Drive, Northville, MI 48167; and
- (4) **Pranav Ashar**, of 82 Updikes Mill Road, Belle Mead, NJ 08502;

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 10/762,499, filed on January 23, 2004, entitled:

Iterative Abstraction Using SAT-Based BMC with Proof Analysis

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 6/21/04

Aarti Gupta
(Aarti Gupta)
First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss:

Inventor (1) On this 21st day of June, 2004 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.

Ju M. Thompson
Notary THOMPSON
Notary Public of New Jersey
My Commission Expires 9/12/2007

INVENTOR 2:**CITY** at South Brunswick**DATE** on 6/21/04

Malay
 (Malay Ganai)
 First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (2) On this 21st day of June, 2004 before me personally came **Malay 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
 Notary Public of New Jersey
 My Commission Expires 9/12/2007

INVENTOR 3:**CITY** at NORTHVILLE**DATE** on 6/16/2004

Zijiang Y Yang
 (Zijiang Yang)
 First Name Middle Initial Last Name

State of MI)County of Wayne) ss.:

Inventor (3) On this 16th day of June, 2004 before me personally came **Zijiang Yang** 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.

Debra A. Johns 5/19/06
 Notary

DEBRA A. JOHNS
 Notary Public, Wayne County, Michigan
 My Commission Expires: May 18, 2007

INVENTOR 4:**CITY** at South Brunswick**DATE** on 6/21/04

Pranav N Ashar
 (Pranav Ashar)
 First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (4) On this 21st day of June, 2004 before me personally came **Pranav Ashar** 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
 Notary Public of New Jersey
 My Commission Expires 9/12/2007

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