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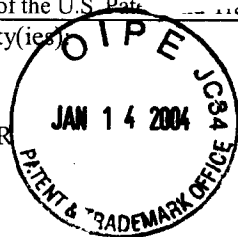
HEET

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102649539

To the Director of the U.S. Patent

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1. Name of conveying party(ies):
Seongmoon WANG
Xiao LIU
Srimat T. CHAKRADHAR2. Name and address of receiving party(ies):
NEC LABORATORIES AMERICA, INC.
4 Independence Way
Princeton, New Jersey 08540Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: October 6, 2003; October 1, 2003;
October 6, 2003, respectivelyAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/653,959

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Chid S. Iyer

Chid S. Iyer

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January 14, 2004

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PATENT
REEL: 014884 FRAME: 0707

ASSIGNMENT

Whereas, we,

- (1) **Seongmoon Wang**, of 5 Elsie Drive, Plainsboro, NJ 08536;
- (2) **Xiao Liu**, of 303 Piedmont Street, Apt. 8, Blackburg, VA 24060; and
- (3) **Srimat T. Chakradhar**, of 1 Anne Court, Manalapan, NJ 07726

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 10/653,959, filed on September 4, 2003, entitled:

A Hybrid Scan-Based Delay Testing Technique for Compact and High Fault Coverage Test Set

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").

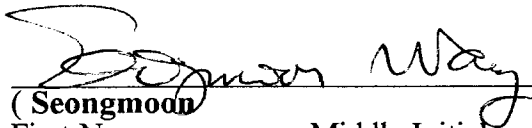
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

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 J. Brunswick, NJ
DATE on 1-16-03


(Seongmoon Wang)
First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (1) On this 16th day of October before me personally came **Seongmoon Wang** 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.


Notary
JILL M. THOMPSON
Notary Public of New Jersey
My Commission Expires 9/10/07

INVENTOR 2:

CITY at S Brunswick, NJ
DATE on 10/1/2003

Xiao
(Xiao
First Name

Middle Initial

Liu
(Liu)
Last Name

State of New Jersey)

County of Middlesex) ss.: 1st

Inventor (1) On this 1st day of October before me personally came **Xiao Liu** 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.

Jeannette Thompson
Notary Thompson

Notary Public of New Jersey

My Commission Expires 09/20/07

INVENTOR 3:

CITY at S Brunswick, NJ
DATE on Oct 6, 2003

Srimat T. Chakradhar
(Srimat T. Chakradhar)
First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (3) On this 6 day of October before me personally came **Srimat T. Chakradhar** 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.

Ann K. Meighan
Notary

ANN K. MEIGHAN

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires March 12, 2008