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PATENTS ONLY

DEPARTMENT OF COMMERCE
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09/335755
06/18/99

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Pranav ASHAR Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
2. Name and address of receiving party(ies): Name: NEC USA, INC. Internal Address: Street Address: 4 Independence Way City, State Zip Princeton, New Jersey 08540 Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date:	
4. Application number(s) or patent number(s): 09/335755 If this document is being filed together with a new application, the execution date of the application is: June 14, 1999 A. Patent Application No.(s) <u>New Application</u> B. Patent No(s). Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
5. Name and address of party to whom correspondence concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213	
6. Total number of applications and patents involved: one	
7. Total Fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. <input type="checkbox"/> Authorized to be charged to Deposit Account	
8. Deposit Account No.	
9. Statement and Signature. <i>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.</i> Kelly G. Hyndman Registration No. 39234 Date: June 18, 1999 TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 2	
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231	

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PATENT
REEL: 010047 FRAME: 0083

ASSIGNMENT
(from Inventor to NEC USA, Inc.)

WHEREAS, I/We, Pranav Ashar

hereinafter called assignor(s), jointly with Srinivas Devadas and Farzan Fallah
have invented certain improvements in

**SIMULATION VECTOR GENERATION FROM HDL DESCRIPTIONS FOR OBSERVABILITY-
ENHANCED STATEMENT COVERAGE**

and have executed an application for Letters Patent of the United States of America therefor on
June 14, 1999; and

WHEREAS, NEC USA, INC.
4 Independence Way
Princeton, NJ 08540

(assignee) desires to acquire my/our entire right, title, and interest in the application and invention
for the United States of America, and to any United States patents to be obtained therefrom;

NOW THEREFORE, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above-named
assignee, its successors and assigns, our entire right, title, and interest in the invention disclosed
therein for the United States of America, and I/we request the Commissioner of Patents to issue
any Letters Patent granted upon the invention set forth in the application(s) to the assignee, its
successors and assigns; and I/we hereby agree that we will execute without further consideration
all papers deemed necessary by the assignee in connection with the United States application(s)
when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys, SUGHRUE, MION, ZINN, MACPEAK & SEAS,
of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3202 to insert here in parentheses
(Application Number _____, filed _____) the filing date and
application number of said application when known.

Date: 6/15/99

Pranav Ashar

Pranav Ashar

NOTARY

State of New Jersey)
County of Middlesex) ss:

On this 15th day of June 1999, 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.

Ann K. Meighan
Notary

ANN K. MEIGHAN
Notary Public of New Jersey
My Comm. Exp. March 12, 2003