

PATENT ASSIGNMENT

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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>Vaibhav Dinesh</td> <td>06/13/2008</td> </tr> <tr> <td>Kunal Raheja</td> <td>06/13/2008</td> </tr> <tr> <td>Patrick Duvaut</td> <td>06/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Vaibhav Dinesh	06/13/2008	Kunal Raheja	06/13/2008	Patrick Duvaut	06/12/2008
Name	Execution Date								
Vaibhav Dinesh	06/13/2008								
Kunal Raheja	06/13/2008								
Patrick Duvaut	06/12/2008								
RECEIVING PARTY DATA									
Name:	Conexant Systems, Inc.								
Street Address:	100 Schulz Drive								
City:	Red Bank								
State/Country:	NEW JERSEY								
Postal Code:	07701								
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>12138692</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12138692				
Property Type	Number								
Application Number:	12138692								
CORRESPONDENCE DATA									
Fax Number:	(770)951-0933								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	770-933-9500								
Email:	julie.campbell@tkhr.com								
Correspondent Name:	Scott A. Horstemeyer								
Address Line 1:	600 Galleria Parkway								
Address Line 2:	Suite 1500								
Address Line 4:	Atlanta, GEORGIA 30339								
ATTORNEY DOCKET NUMBER:	050337-1740								
NAME OF SUBMITTER:	Scott A. Horstemeyer								

Total Attachments: 5
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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Vaibhav Dinesh	A 27, Rohit Kunj, Pitampura Dehli 110034, India
Kunal Raheja	B-129, 2nd floor, Sector-26 Noida -201 301, U.P., India
Patrick Duvaut	49 Dover Court Tinton Falls, NJ 07712

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**SYSTEMS AND METHODS FOR PERFORMING LOOP ANALYSIS
BASED ON UN-CALIBRATED SINGLE-ENDED LINE TESTING**

which was:

- executed on even date herewith,
 filed with the United States Patent and Trademark Office (USPTO) on
, and assigned Serial No. , and
 further described in U.S. Provisional application entitled , filed with
the USPTO on , and assigned Serial No. .

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, **Conexant Systems, Inc.**, having a place of business at 100 Schulz Drive, Red Bank, NJ 07701, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

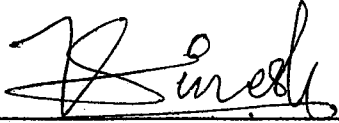
ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

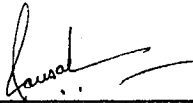
ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.



Vaibhav Dinesh

Date: 13 June 2008



Witness (PIYUSH BANSAL)

Date: 13th JUNE 2008



Witness (OMKAR. S. PRABHAKAR)

Date: 13-JUN-08

Kunal Raheja

Kunal Raheja

Date: 13th June 2008

Satyraudhan Maheshwari

Witness

js

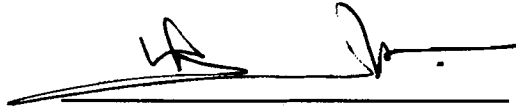
Date: 13th June 2008

Hemant Kumar Samdani

Witness

Hemant

Date: 13th June 2008



Patrick Duvaut


Date: 06/12/2008

United States of America

State of New Jersey

County of Monmouth

On this 12th day of June, 2008, before me personally came **Patrick Duvaut** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Notary Public
PATRICIA LYNN DAILEY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 2, 2012

My Commission Expires (Date)