

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Amitkumar Mahadevan</td> <td>04/02/2009</td> </tr> <tr> <td>Patrick Duvaut</td> <td>04/27/2009</td> </tr> <tr> <td>Laurent Francis Alloin</td> <td>04/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Amitkumar Mahadevan	04/02/2009	Patrick Duvaut	04/27/2009	Laurent Francis Alloin	04/02/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Conexant Systems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4000 MacArthur Blvd</td> </tr> <tr> <td>City:</td> <td>Newport Beach</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92660</td> </tr> </table>		Name:	Conexant Systems, Inc.	Street Address:	4000 MacArthur Blvd	City:	Newport Beach	State/Country:	CALIFORNIA	Postal Code:	92660
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CORRESPONDENCE DATA											
<p>Fax Number: (770)951-0933</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 770-933-9500</p> <p>Email: julie.campbell@tkhr.com</p> <p>Correspondent Name: Thomas, Kayden, Horstemeyer & Risley LLC</p> <p>Address Line 1: 600 Galleria Parkway</p> <p>Address Line 2: Suite 1500</p> <p>Address Line 4: Atlanta, GEORGIA 30339</p>											
ATTORNEY DOCKET NUMBER:	050337-1900										
NAME OF SUBMITTER:	Scott A. Horstemeyer										
<p>Total Attachments: 5</p> <p>source=00904983#page1.tif</p>											

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PATENT
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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Amitkumar Mahadevan	94 Victor Ave. Eatontown, NJ 07724
Patrick Duvaut	56 Rue Ordener Paris, France 75018
Laurent Francis Alloin	20 Riverdale Avenue Monmouth Beach, NJ 07750

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 SELECTING TONES FOR
FAR-END CROSSTALK MITIGATION**

which was:

- ☒ executed on even date herewith,
- ☐ filed with the United States Patent and Trademark Office (USPTO) on April 29, 2009, and assigned Serial No. 12/431,878, and
- ☐ further described in U.S. Provisional application entitled _____, filed with the USPTO on _____, and assigned Serial No. _____.

WHEREAS, **Conexant Systems, Inc.**, having a place of business at 4000 MacArthur Blvd. Newport Beach, CA 92660, 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.



Amitkumar Mahadevan

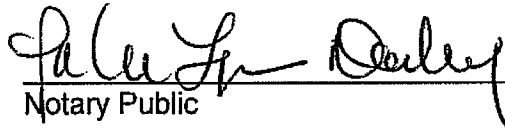
Date: 2 APRIL 2009

United States of America

State of New Jersey

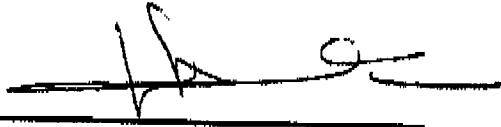
County of Monmouth

On this 2nd day of April, 2009, before me personally came **Amitkumar Mahadevan** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.


Notary Public

My Commission Expires (Date)

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



Patrick Duvaut

Date: 07/27/2009

ATTESTATION

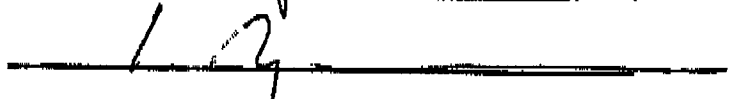
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. 1746

The undersigned witnessed the signature of Patrick Duvaut to the above Assignment of Patent Rights and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Patrick Duvaut is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on April 23th, 2009, to execute the above Assignment of Patent Rights.
3. Patrick Duvaut subscribed to the above Assignment of Patent Rights.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on April 27th 2009 (date)



Print Name: S. M. REYNAL



Laurent Francis Alloin

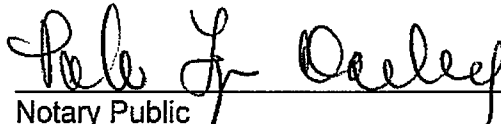
Date: 04/02/09

United States of America

State of New Jersey

County of Monmouth

On this 02 day of April, 2009, before me personally came **Laurent Francis Alloin** 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)