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To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):

Jim E. Petranovich

Additional name(s) of conveying party(ies) attached [] Yes [X] No

07/24/01

2. Name and address of receiving party(ies):

Name: **Conexant Systems, Inc.**
Street Address: 4311 Jamboree Road

City: Newport Beach State: CA Zip: 92660

Additional name(s) and address(es) attached? [] Yes [X] No

3. Nature of Conveyance:

- Assignment [] Merger
- Security Agreement [] Change of Name
- Other _____

Execution Date : July 16, 2001

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 : July 16, 2001

A. Patent Application No.(s):

B. Patent No.(s)

09/12/2001

Additional numbers attached [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Farshad Farjami, Esq.
Internal Address: FARJAMI & FARJAMI LLP

Street Address: 16148 Sand Canyon
City: Irvine State: CA Zip: 92618

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): **\$ 40.00**
[X] Included in the Total Enclosed
[X] Authorized to be charged to deposit account

8. Deposit Account Number: 50-0731

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9. Statement and signature.

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. This statement shall not affect the recording of the attached document or the rights and duties set forth in the recorded document.

Farshad Farjami, Esq.
Name of Person Signing

Signature

7/24/01
Date

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PATENT
REEL: 012020 FRAME: 0042

ASSIGNMENT

WHEREAS, I, Jim E. Petranovich, residing at 1190 Encinitas Blvd., Encinitas, California 92024, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled Multi-Mode Adaptive Filter, filed herewith;

AND WHEREAS Conexant Systems, Inc., a Delaware corporation (hereinafter, together with any successors, legal representatives of assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor(s) certificates, and the like), heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that, in consideration for reasonable mutually agreeable compensation, I will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 16 day of July, 2001.

Jim E. Petranovich
Jim E. Petranovich

STATE OF CALIFORNIA)
) ss.
COUNTY OF San Diego)

On July 16, 2001, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Jim E. Petranovich, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Cynthia R. Rainbolt*



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