

09-29-2004

Attorney Docket No.: 068758.0200 (I0297US/lg/pp)



COVER SHEET

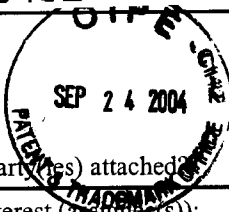
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To the Honorable Commissioner

102846482

Original document(s) or copy(ies) thereof.

1. Name of Conveying Party(ies):

Anish Nair
Santosh Nath

9-24-04

Additional name(s) of conveying party(ies) attached? ___ Yes

X No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: INFINEON TECHNOLOGIES AG
Address: ST.-MARTIN-STR. 53, 81669 MÜNCHEN
Country: GERMANY

Additional name(s) and address(es) attached? ___ Yes

X No

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

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

A. Patent Application No(s): Patent No(s):
10/841,120 filed 05/07/2004

Others on additional sheet(s) attached? ___ Yes

X No

4. Nature of Conveyance:

X ASSIGNMENT

Merger

Change of Name:

Verified Translation

Security Agreement

Other: _____

Execution Date: 05/10/04 (Nair); 07/06/04 (Nath)

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

ANDREAS GRUBERT
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713.229.1964 (TELEPHONE)
713.229.7764 (FACSIMILE)

6. Total number of applications and patents involved:

Application(s): 1
+ Patent(s):
= Total: 1

7. Total Fee (37 C.F.R. § 3.41) \$40.00

CHECK IS ENCLOSED.

8. Authorized to be charged to Deposit Account NO

9. Deposit Account No.: 02-0383

(Duplicate copy of this sheet attached)

Charge any underpayment or credit any overpayment
to above Deposit Account, order no. 068758.0200.

DO NOT USE THIS SPACE

10. 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.

Andreas Grubert

Name of Person Signing

Signature

SEPTEMBER 23, 2004

Date

Total number of pages including cover sheet, attachments, and document: 3 PAGES

09/28/2004 DBYRNE 00000157 10841120

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below signed inventors of record, hereby assign to:

**INFINEON TECHNOLOGIES AG
ST.-MARTIN-STR. 53
81669 MÜNCHEN
GERMANY**

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me this day, entitled:

**"VITERBI EQUALIZATION USING A TABLE MEMORY FOR PROVISION OF RECONSTRUCTED
SIGNAL VALUES FOR THE CALCULATION OF TRANSITION METRICS"**

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.


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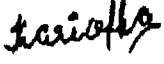
Signature of Sole or First Inventor

10/MAY/2004

Date of Signature



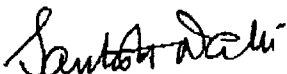
Witness
(**V. D. LAKSHMI DHANASEKAR**)



Witness
(**KARAPPA K.P.**)

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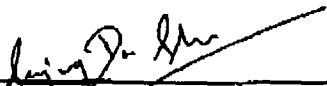
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Signature of Second Inventor


06/07/04

Date of Signature



Witness

SUJAGYA DAS SHARMA
06/07/04



Witness

SUNIL KUMAR
06/07/04

HOU03:969438.1