

10-21-2004

FORM PTO-1595
(Rev. 3/01)
OMD NO. 0651-0011 exp. 5/31/2002



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102864744

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Sriram Muthukumar and Devendra Natekar

Additional name(s) of conveying party(ies) attached?
 No Yes

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date(s): 8/11 and 9/29/2004

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

Internal Address: 2200 Mission College Boulevard

Street Address: 2200 Mission College Boulevard

City: Santa Clara State/Province: CA Zip: 95052

Country: USA

Additional name(s) & address(es) attached? Yes No

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: 10/11/2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Michael A. Bernadicou

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 12400 Wilshire Boulevard, 7th Floor

City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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9. Statement and signature.

To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

Michael A. Bernadicou, Reg No. 35,934

Name of Person Signing

[Signature]

Signature

10/11/04

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents, Mail Stop: Assignments
P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: P19794

10/20/2004 ECOOPER 00000158 10963489

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40.00 OP

PATENT
REEL: 015893 FRAME: 0982

17548 U.S. PTO
10/9/04



101104

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventors, hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

THIN SILICON BASED SUBSTRATE

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Note to each inventor:
On the line below, please enter the date on which you signed the accompanying "Declaration and Power of Attorney":



Sriram Muthukumar

08/11/2004

(Today's Date)

08/11/2004

(Date of Declaration)

Devendra Natekar

(Today's Date)

(Date of Declaration)

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventors, hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

THIN SILICON BASED SUBSTRATE

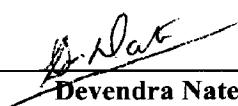
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Note to each inventor:
On the line below, please enter the date on which you signed the accompanying "Declaration and Power of Attorney":

Sriram Muthukumar	(Today's Date)	(Date of Declaration)
 Devendra Natekar	09/29/04 (Today's Date)	(Date of Declaration)