

OMB No. 0651-011 (exp.4/94)



101642084

To the Honorable Commissioner of Patents

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Bharath Rangarajan
Ramkumar Subramanian
Michael K. Templeton

3/26/01

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

3. Nature of conveyance:

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

Execution Date: 9/26/00; 9/27/00; 10/24/00

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

Name: Advanced Micro Devices

Internal Address: _____

Street Address: One AMD Place

P.O. Box 3453

City: Sunnyvale

State/Country: California ZIP: 94088-3453

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



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

9/26/00

If this document is being filed together with a new application, the execution date of the application is: 9/27/00; 10/24/00

A. Patent Application No.(s)

B. Patent No.(s)

89880166

Additional Numbers attached? [] Yes [X] No

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

Name: Himanshu S. Amin

Internal Address: _____

Amin & Turocy, LLP

Street Address: 24th Floor, National City Center

1900 E. 9th Street

City: Cleveland

State: Ohio ZIP: 44114

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:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Himanshu S. Amin

March 6, 2001

Name of Person Signing

Signature

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [5]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

03/12/2001 VVAN11 00000029 09800166

03 FC:581

40.00 DP

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Bharath Rangarajan
2295 Dolores Avenue
Santa Clara, California 95050

Michael K. Templeton
80 Palmer Avenue
Atherton, California 94027

Ramkumar Subramanian
4271 Norwalk Drive, Apt. X105
San Jose, California 95129

hereby sell and assign to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

USE OF THERMAL FLOW TO REMOVE SIDE LOBES

for which application for United States Letters Patent has been filed on _____ under Serial No. _____, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Signed:

Date:

Bharath Rangarajan

9-27-00

Bharath Rangarajan

CERTIFICATE OF ACKNOWLEDGEMENT

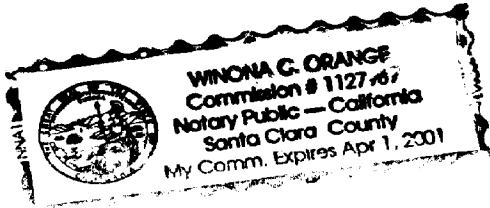
State of California

County of Santa Clara

On 9/27/2000 before me, Winona C. Orange, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Bharath Rangarajan
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

Winona C. Orange
Signature of Notary Public

Signed:

Date:

Ramkumar
Ramkumar Subramanian

9/26/00

CERTIFICATE OF ACKNOWLEDGEMENT

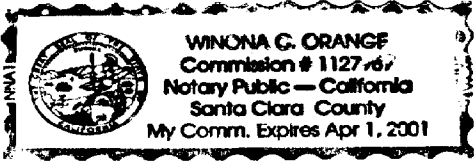
State of California

County of Santa Clara

On 9/26/2000 before me, Winona C. Orange, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Ramkumar Subramanian
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

Winona C. Orange
Signature of Notary Public

Signed:

Date:

Michael K. Templeton
Michael K. Templeton

24-Oct-00

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

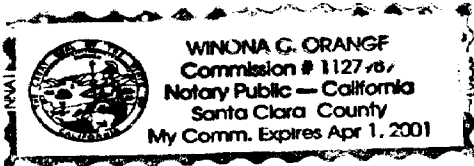
County of Santa Clara

On 10/24/2000 before me, WINONA C. ORANGE, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Michael K. Templeton
Name(s) of Signer(s)

personally known to me ~~OR~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.



Winona C. Orange
Signature of Notary Public