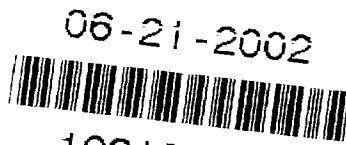


FORM PTO-1595 (modified)  
(Rev 6-93)

RECOF



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RET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office: Please record and attach original documents or copies thereof.

1. Name of conveying party(ies):  
Hyeon-Seag Kim  
Amit P. Marathe  
Nian Yang  
Tien-Chun Yang  
*06/10/02*

2. Name and address of receiving party(ies):  
Advanced Micro Devices, Inc.  
One AMD Place  
P.O. Box 3453  
Sunnyvale, CA 94088-3453  
Additional name(s) & address(es) attached? NO

11017 U.S. PTO  
10/166105  
06/10/02

3. Nature of conveyance:  
ASSIGNMENT  
Execution Date:  
05/07/2002  
05/14/2002  
05/14/2002  
05/14/2002

4. Application number(s) or patent number(s): *10/166105*  
If this is being filed together with a new application, the execution date of the application is:  
05/07/2002  
05/14/2002  
05/14/2002  
05/14/2002  
A. Patent Application Number(s):  
B. Patent Number(s):  
Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:  
Alistair K. Chan  
FOLEY & LARDNER  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-5367

6. Total number of applications/patents involved: 1  
7. Total fee (37 C.F.R. § 3.41): \$40.00  
 Check Enclosed  
Charge to deposit account  
8. Deposit account number: 06-1447

06/20/2002 TDIAZ1 00000055 10166105  
01 FC:581 40.00 DP

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

Alistair K. Chan  
Reg. No. 44,603  
Name of person signing

*Alistair K Chan*  
Signature

*06/10/2002*  
Date

Total number of pages including cover sheet, attachments, and document: 5

**ASSIGNMENT AND AGREEMENT**

**WHEREAS**, Hyeon-Seag Kim of 1793 Castro Drive, San Jose, CA 95130; Amit P. Marathe of 1307 Edsel Drive, Milpitas, CA 95035; Nian Yang of 508 Tower Hill Avenue, San Jose, CA 95136 and Tien-Chun Yang of 860 Hampswood Way, San Jose, CA 95120; (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled **MAXIMUM VCC CALCULATION METHOD FOR HOT CARRIER QUALIFICATION** (Atty. Dkt. No. 039153-0542) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

**WHEREAS**, **Advanced Micro Devices, Inc.**, a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

**NOW THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

**ASSIGNOR HEREBY AUTHORIZES AND REQUESTS** the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

**ASSIGNOR HEREBY AGREES** (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful

papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

*ASSIGNOR HEREBY REPRESENTS AND WARRANTS* that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

*ASSIGNOR HEREBY GRANTS* to the law firm of **Foley & Lardner** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.


*ASSIGNOR UNDERSTANDS AND AGREES* that the attorneys and agents of the law firm of **Foley & Lardner** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

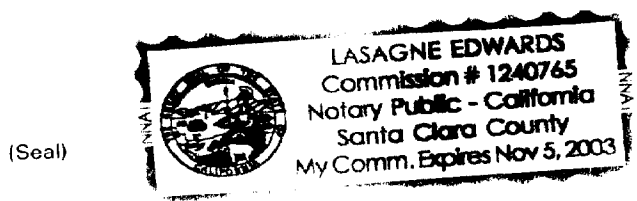
Executed this 07 day of May, 2002.

  
\_\_\_\_\_  
HYEON-SEAG KIM

State of California )  
County of Santa Clara ) ss.

On this 7th day of May, 2002, before me, a notary public in and for said county, appeared HYEON-SEAG KIM, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he ~~has~~ acknowledged that he ~~has~~ signed, sealed, and delivered the said instrument as his ~~own~~ free and voluntary act for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Notary Public  
My Commission Expires: Nov. 5, 2003



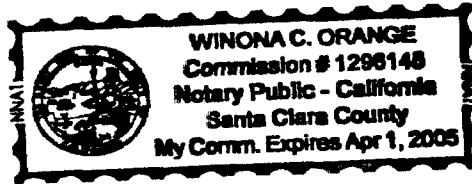
Executed this 14<sup>th</sup> day of May, 2002.

A.P. Marathe

AMIT P. MARATHE

State of California )  
County of Santa Clara )ss.

On this 14<sup>th</sup> day of MAY, 2002, before me, a notary public in and for said county, appeared AMIT P. MARATHE, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and ~~he~~ she acknowledged that ~~he~~ she signed, sealed, and delivered the said instrument as ~~his~~ her free and voluntary act for the uses and purposes therein set forth.



(Seal)

Winona C. Orange  
Notary Public

My Commission Expires: April 1, 2005

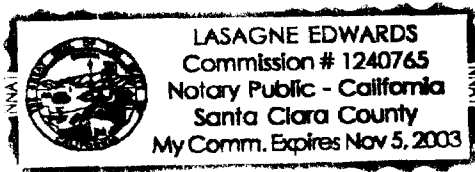
Executed this 14<sup>th</sup> day of May, 2002.

Nian Yang

NIAN YANG

State of California )  
County of Santa Clara )ss.

On this 14 day of May, 2002 before me, a notary public in and for said county, appeared NIAN YANG, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and ~~he~~ she acknowledged that ~~he~~ she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



(Seal)

Lasagne Edwards  
Notary Public

My Commission Expires: 11/05/03

Executed this 14th day of May, 2002.

Tien-Chun Yang  
TIEN-CHUN YANG

State of California )  
County of Santa Clara )ss.

On this 14th day of MAY, 2002, before me, a notary public in and for said county, appeared TIEN-CHUN YANG, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed, and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

Winona C. Orange  
Notary Public

My Commission Expires: April 1, 2005

(Seal)

