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

1. Name of conveying party(ies):
Khoi A. Phan
Ramkumar Subramanian
Bhanwar Singh

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

2. Name and address of receiving party(ies)
Name: Advanced Micro Devices, Inc.
Internal Address: _____

Street Address: One AMD Place
P.O. Box 3453
City: Sunnyvale State: CA Zip: 94088
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: September 9, 2003


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: 9-9-03
A. Patent Application No.(s) 10676613
B. Patent No.(s) _____
Additional numbers attached? Yes 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)

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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.
Himanshu S. Amin, Reg. No. 40,894  October 1, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6

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Alexandria, Virginia 22313-1450

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PATENT
REEL: 014577 FRAME: 0843

ASSIGNMENT

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

Khoi A. Phan
5796 Trowbridge Way
San Jose, California 95138

Ramkumar Subramanian
1155-D La Rochelle Terrace
Sunnyvale, California 94089

Bhanwar Singh
17122 Heatherwood Way
Morgan Hill, CA 95037

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

**SYSTEMS AND METHODS THAT EMPLOY EXPOSURE COMPENSATION TO
PROVIDE UNIFORM CD CONTROL ON RETICLE DURING FABRICATION**

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:

Khoi A. Phan
Khoi A. Phan

9/09/03

CERTIFICATE OF ACKNOWLEDGMENT

State of California

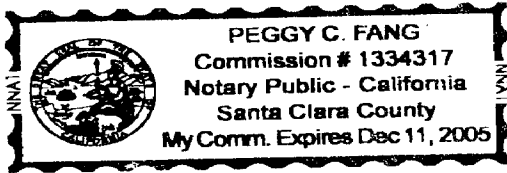
County of Santa Clara

On September 9, 2003 before me, PEGGY C. FANG, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Khoi A. Phan

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.

Peggy C - Fang
Signature of Notary Public

Signed:

Date:

Ramkumar Subramanian
Ramkumar Subramanian

7/7/03

CERTIFICATE OF ACKNOWLEDGMENT

State of California

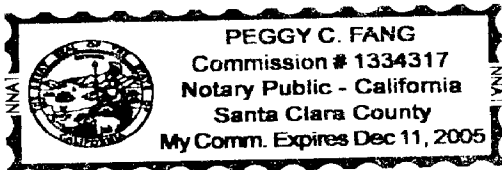
County of Santa Clara

On September 9, 2003 before me, PEGGY C. FANG, 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.



Peggy C. Fang
Signature of Notary Public

Signed:

Date:

B Singh
Bhanwar Singh

9/09/03

CERTIFICATE OF ACKNOWLEDGMENT

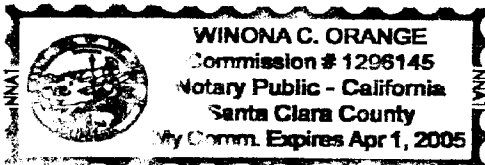
State of California

County of Santa Clara

On Sept. 9, 2003 before me, WINONA C. ORANGE, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

Personally appeared Bhanwar Singh
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