

FORM PTO-1595

1-31-92

RE

08-21-1998

EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket



100798135

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

## 1. Name of conveying party(ies):

Sunil N. Shabde

Yowjuang William Liu

Ting Yiu Tsui

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

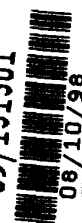
## 2. Name and address of receiving party(ies):

Name: Advanced Micro Devices, Inc.Street Address: One AMD Place, P.O. Box 3453City: Sunnyvale State: CA ZIP: 94088-3453

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: August 7, 1998; August 4, 1998;  
July 28, 1998

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ NoJCS51 U.S. PTO  
09/13/301

## 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:

August 7, 1998; August 4, 1998 and July 28, 1998

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:

Name: Thomas G. EschweilerInternal Address: RENNER, OTTO,BOISSELLE & SKLAR, P.L.L.Street Address: 1621 Euclid Ave., 19th FloorCity: Cleveland State: Ohio ZIP: 441156. 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: \_\_\_\_\_

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.

Thomas G. Eschweiler

Name of Person Signing

Signature

August 10, 1998

Date

Total number of pages including cover sheet, attachments and documents 4JCS51 U.S. PTO  
09/13/301  
08/10/98  
40.00  
August 10, 1998  
0000034  
09/13/1998  
JCS51 U.S. PTO  
09/13/301

**ASSIGNMENT**

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

Sunil N. Shabde	Yowjuang William Liu	Ting Yiu Tsui
21571 Columbus Avenue	1213 Tivoli Way	245A College Avenue
Cupertino, California 95014	San Jose, California 95120	Palo Alto, California 94306

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

**METHOD OF DETERMINING THE DOPING CONCENTRATION  
ACROSS A SURFACE OF A SEMICONDUCTOR MATERIAL**

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:

S. N. Shabde  
Sunil N. Shabde

8/7/98

Signed:

Date:

Yowjuang W. Liu  
Yowjuang William Liu

8/4/98

Signed:

Date:

Ting Yiu Tsui  
Ting Yiu Tsui

7/28/98

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

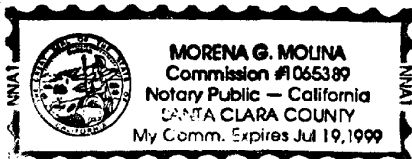
County of Santa Clara

On July 28, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sunil N. Shabde, Yowjuang William Liu and Ting Yiu Tsui  
Name(s) of Signer(s)

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



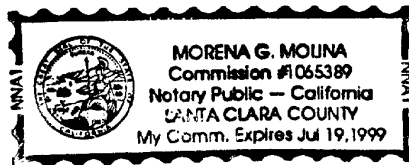
Morena G. Molina  
Signature of Notary Public

**ACKNOWLEDGMENT**

State of California     )  
                                      ) ss.  
County of Santa Clara)

On August 7, 1998, before me, Morena G. Molina, a Notary Public,  
personally appeared SUNIL N. SHABDE, 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.

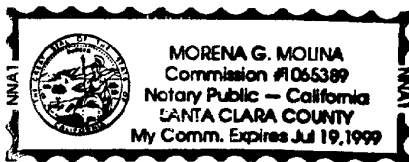


Morena G. Molina  
SIGNATURE OF NOTARY

State of California     )  
                                      ) ss.  
County of Santa Clara)

On August 4, 1998, before me, Morena G. Molina, a Notary Public,  
appeared YOWJUANG WILLIAM LIU, 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.



Morena G. Molina  
SIGNATURE OF NOTARY