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FORM PTO-1595

1-31-92

FORM COVER SHEET  
TS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket

100798776

JCS42 U.S. PTO  
09/13/98

08/16/98

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  
Ting Yiu Tsui  
Yowjuang William LiuAdditional name(s) of conveying  
party(ies) attached? ☐ Yes ☒ No

MRD 8-10-98

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

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

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

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Execution Date: July 16, 1998

## 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:  
July 16, 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:

4 FC:581

Name: Himanshu S. AminInternal 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.

Himanshu S. Amin

Name of Person Signing

Signature

August 10, 1998

Date

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

**ASSIGNMENT**

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

Sunil N. Shabde  
21571 Columbus Avenue  
Cupertino, California 95014

Ting Yiu Tsui  
245 A College Avenue  
Palo Alto, California 94306

Yowjuang William Liu  
1213 Tivoli Way  
San Jose, California 95120

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

**SYSTEM AND METHOD FOR DETECTING DEFECTS IN AN INTERLAYER  
DIELECTRIC OF A SEMICONDUCTOR DEVICE**

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

7/16/98

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of California

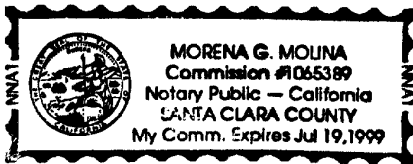
County of Santa Clara

On July 16, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sunil N. Shabde

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.

Morena G. Molina  
Signature of Notary Public

Signed:

Date:

Yowjuang William Liu 7/16/98  
Yowjuang William Liu

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of California

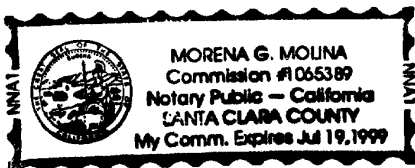
County of Santa Clara

On July 16, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Yowjuang William Liu

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.

Morena G. Molina  
Signature of Notary Public

Signed:

Date:

Ting Yiu Tsui  
Ting Yiu Tsui

7/16/98

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of California

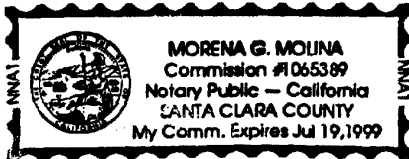
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Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Ting Yiu Tsui

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Signature of Notary Public