

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

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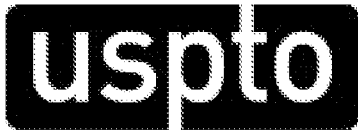
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTY MEI-CHU WOO	05/13/2002
MINH VAN NGO	05/13/2002
JOHN E. SANCHEZ	05/13/2002
STEVEN C. AVANZINO	05/13/2002
RECEIVING PARTY DATA	
Name:	ADVANCED MICRO DEVICES, INC.
Street Address:	ONE AMD PLACE
Internal Address:	P.O. BOX 3453
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94088-3453
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6989604
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	052416-001
NAME OF SUBMITTER:	JACLYN DAVIES
SIGNATURE:	/Jaclyn Davies/
DATE SIGNED:	06/26/2018
Total Attachments: 5 source=6657304#page1.tif	

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**UNITED STATES
PATENT AND TRADEMARK OFFICE**

Assignment abstract of title for Application 10165510

Invention title/Inventor	Patent	Publication	Application	PCT International registration
CONFORMAL BARRIER LINER IN AN INTEGRATED CIRCUIT INTERCONNECT Christy Mei-Chu Woo, Minh Van Ngo, John E. Sanchez JR., Steven C. Avanzino	6657304 Dec 02, 2003		10165510 Jun 06, 2002	

Assignments (1 of 1 total)

Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
012993/0418	May 13, 2002	Jun 06, 2002	1	4

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

WOO, CHRISTY MEI-CHU
NGO, MINH VAN
SANCHEZ, JOHN E., JR.
AVANZINO, STEVEN C.

Correspondent

THE LAW OFFICES OF MIKIO
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P.O. BOX 3453
ONE AMD PLACE
SUNNYVALE, CALIFORNIA 94088

06-20-2002

FORM PTO-1595
(Rev. 6-93) RECORDATI
OMB No. 0651-001 (exp. 4/94)



102128965

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. H0024

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

1036 U.S. PTO
10/165510
06/06/02

1. Name of conveying party(ies): a. WOO, Christy Mei-Chu b. NGO, Minh Van c. SANCHEZ, JR., John E. d. AVANZINO, Steven C. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date(s): <u>5/13/02, 5/14/02, 5/15/02, 5/13/02</u>						
4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: <u>5/13/02</u> A. Patent Application No(s). Serial No.: Date Filed: B. Patent No(s). <div style="text-align: right; font-size: 1.5em;">10165510</div> Additional numbers attached? <u>NO</u>						
5. Name and address of party to whom correspondence concerning document should be mailed: Mikio Ishimaru The Law Offices of Mikio Ishimaru 1110 Sunnyvale-Saratoga Rd. Suite A1 Sunnyvale, CA 94087		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): . . . \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorization to be charged to deposit account 8. Deposit Account Number: <u>01-0365</u> <small>(Attach duplicate copy of this page if paying by deposit account)</small>				
DO NOT USE THIS SPACE						
9. Statement and signature. <i>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.</i> <table style="width: 100%;"> <tr> <td style="width: 33%; text-align: center;"> <u>Mikio Ishimaru</u> Name of Person Signing </td> <td style="width: 33%; text-align: center;"> Signature </td> <td style="width: 33%; text-align: center;"> <u>June 6, 2002</u> Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and document: <u>4</u>				<u>Mikio Ishimaru</u> Name of Person Signing	 Signature	<u>June 6, 2002</u> Date
<u>Mikio Ishimaru</u> Name of Person Signing	 Signature	<u>June 6, 2002</u> Date				

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Mail document to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignment
Washington, D.C. 20231

06/19/2002 6TON11 00000015 010365 10165510
01 FC:581 40.00 CH

PATENT
REEL: 012993 FRAME: 0419

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

CONFORMAL BARRIER LINER IN AN INTEGRATED CIRCUIT INTERCONNECT

for which a United States patent application has been executed on or before the date of this assignment.

WHEREAS, ADVANCED MICRO DEVICES, INC., a Corporation of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignees.

Date of Execution of Declaration for Patent Application: 5-13-2002

(1) Christy Mei-Chu Woo
Christy Mei-Chu Woo

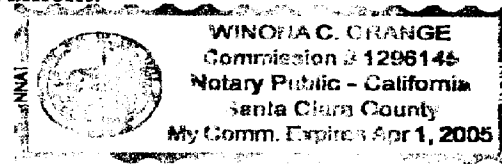
State of California)
County of Santa Clara)ss

On May 13, 2002 before me, WINONA C. ORANGE, Notary Public,
(name and title of officer)

personally appeared Christy Mei-Chu Woo, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature Winona C. Orange



Date of Execution of Declaration for Patent Application: 5/14/02

(2) Minh Van Ngo
Minh Van Ngo

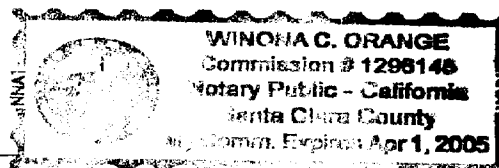
State of California)
County of Santa Clara)ss

On May 14, 2002 before me, WINONA C. ORANGE, Notary Public,
(name and title of officer)

personally appeared Minh Van Ngo, 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/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature Winona C. Orange



Date of Execution of Declaration for Patent Application: 5/13/02

(3) John E. Sanchez, Jr.
John E. Sanchez, Jr.

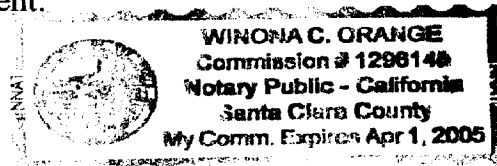
State of California)
County of Santa Clara)ss

On May 13, 2002 before me, Winona C. Orange, Notary Public,
(name and title of officer)

personally appeared John E. Sanchez, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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.

Signature Winona C. Orange



Date of Execution of Declaration for Patent Application: May 13, 2002

(4) Steven C. Avanzino
Steven C. Avanzino

State of California)
County of Santa Clara)ss

On May 13, 2002 before me, Winona C. Orange, Notary Public,
(name and title of officer)

personally appeared Steven C. Avanzino, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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.

Signature Winona C. Orange

