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7.19.0

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-001 (exp. 4/94)

101423748

PATENTS ONLY

U.S. Department of Commerce
 Patent and Trademark Office
 Attorney Docket No. **F0024**

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

1. Name of conveying party(ies):

WANG, Pin-Chin Connie**BUYNOSKI, Matthew S.****PANGRLE, Suzette K.****MARATHE, Amit P.**

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

Additional name(s) & address(es) attached?
☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Security Agreement☐ Other

Execution Date(s): June 29, 2000; July 14, 2000; June 29, 2000; July 10, 2000;

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: June 29, 2000

A. Patent Application No(s).

Serial No.: Date Filed:

B. Patent No(s).

09618964

Additional numbers attached? NO

5. Name and address of party to whom
correspondence concerning document should
be mailed:**Mikio Ishimaru****The Law Offices of Mikio Ishimaru****1046 Pinenut Court****Sunnyvale, CA 94087**6. Total number of applications and patents
involved: 1

7. Total Fee (37 CFR 3.41): . . . \$40.00

☐ Enclosed☒ Authorization to be charged to deposit
account

8. Deposit Account Number: 01-0365

(Attach duplicate copy of this page if paying by deposit account)

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.*

Mikio Ishimaru

Name of Person Signing

Mikio Ishimaru

Signature

July 19, 2000

Date

Total number of pages including cover sheet, attachments, and document: 4

40.00 CH

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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

(From PTO-1595-Recordation Form Cover Sheet - page 1 of 1)

08/01/2000 SEARCH 00000009-010365 09618964
 01 FC:581

JC815 U.S. PTO 09/18/00



PATENT

REEL: 010962 FRAME: 0091

ASSIGNMENT

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

"COHERENT DIFFUSION BARRIERS FOR INTEGRATED CIRCUIT INTERCONNECTS"

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 Assignor has executed and delivered this instrument on the date set forth below.

6-29-00
Date

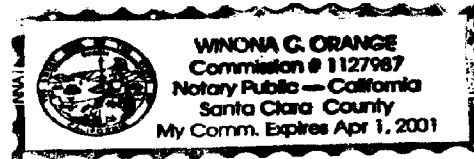
Pin-Chin Connie Wang
Pin-Chin Connie Wang

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On June 29, 2000 before me, WINONA C. ORANGE, Notary Public, personally appeared Pin-Chin Connie Wang, ~~known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) ~~(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.

Signature Winona C. Orange



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

14 July 2000
Date

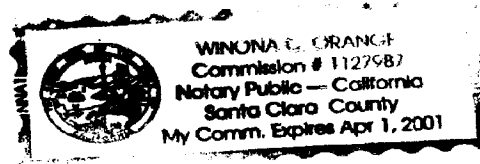
Matthew S. Buynoski
Matthew S. (Buynoski) Buynoski

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On July 14, 2000 before me, WINONA C. ORANGE, Notary Public, personally appeared Matthew S. Buynoski, ~~known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) ~~(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.

Signature Winona C. Orange



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

29 Jun 00
Date

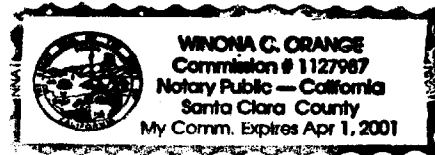
Suzette K. Pangre
Suzette K. Pangre

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On June 29, 2000 before me, WINONA C. ORANGE, Notary Public, personally appeared Suzette K. Pangre, ~~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.

Signature Winona C. Orange



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

10 JULY 00
Date

A.P. Marathe
Amit P. Marathe

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On July 10, 2000 before me, WINONA C. ORANGE, Notary Public, personally appeared Amit P. Marathe, ~~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.

Signature Winona C. Orange

