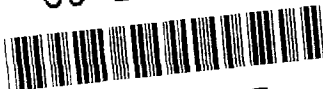


06-23-2005

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

JAMES PAN
JONATHAN BYRON SMITH
MING-REN LIN

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 6, 2005, June 7, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: ADVANCED MICRO DEVICES, INC.

Internal Address: P.O. BOX 3453

Street Address: ONE AMD PLACE

City: SUNNYVALE

State: CALIFORNIA

Country: UNITED STATES Zip: 94088-3453

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: John A. Fisher

Internal Address: Ingrassia Fisher & Lorenz, P.C.

Street Address: 7150 E. Camelback Road

Suite #325

City: Scottsdale

State: Arizona

Zip: 85251

Phone Number: (480) 385-5060

Fax Number: (480) 385-5061

Email Address: jfisher@ifllaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
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a. Credit Card Last 4 Numbers _____
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9. Signature:

John A. Fisher
Signature

June 15, 2005
Date

John A. Fisher (Reg. No. 28,505)

Name of Person Signing

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

5

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PATENT
REEL: 016703 FRAME: 0510

United States Utility Patent Application
Attorney Docket No.: 005.0047 (NY0113)
First Named Inventor: James Pan

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

METHODS FOR FABRICATING A SEMICONDUCTOR DEVICE

for which application for Letters Patent of the United States:

☒ has been executed on even date herewith;

☐ executed on _____;

☐ was filed on _____ and assigned U.S. Application Serial No. _____;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of Delaware, having a place of business at One AMD Place, P.O. Box 3453, M/S 68, Sunnyvale, CA 94088-3453, USA, (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

James N. Pan

Inventor's Signature

Date: 6/7/05

JAMES PAN

Inventor's Printed Name

STATE OF NEW YORK)
COUNTY OF Dutchess)

On this 7th day of June, 2005, before me personally came the above named JAMES PAN who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Marie A. Acampora
NOTARY PUBLIC
My Commission Expires: November 12, 2006

MARIE A. ACAMPORA
Notary Public-State of New York
No. 01AC5068879
Qualified in Dutchess County
Commission Expires Nov. 12, 2006

Jonathan B. Smith
Inventor's Signature

Date: 6/7/2005

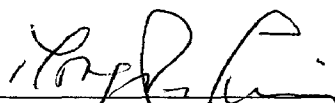
JONATHAN BYRON SMITH
Inventor's Printed Name

STATE OF NEW YORK)
COUNTY OF Dutchess)

On this 7th day of June, 2005, before me personally came the above named JONATHAN BYRON SMITH who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Marie A. Acampora
NOTARY PUBLIC
My Commission Expires: November 12, 2006

MARIE A. ACAMPORA
Notary Public-State of New York
No. 01AC5068879
Qualified in Dutchess County
Commission Expires Nov. 12, 2006

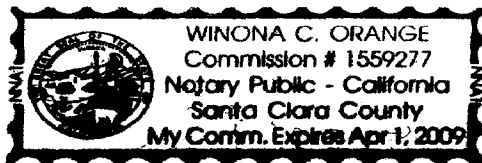

Inventor's Signature

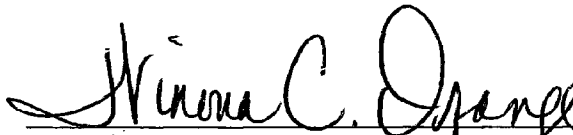
Date: 6/6/2005

MING-REN LIN
Inventor's Printed Name

STATE OF CALIFORNIA)
COUNTY OF Santa Clara)

On this 06th day of June, 2005, before me personally came the above named MING-REN LIN who is personally known by me ~~or proved to me on the basis of satisfactory evidence~~ to be the same individual who executed the foregoing assignment, and who acknowledged to me that ~~he~~^{she} executed the same of ~~his~~^{her} own free will for the use and purposes therein set forth.




NOTARY PUBLIC
My Commission Expires: April 1, 2009