

06-23-2005



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PATENTS ONLY

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**1. Name of conveying party(ies)**  
JAMES PAN  
JONATHAN BYRON SMITH  
MING-REN LIN  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: ADVANCED MICRO DEVICES, INC.  
Internal Address: P.O. BOX 3453

**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 \_\_\_\_\_

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):**  
A. Patent Application No.(s)  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s)

**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  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** John A. Fisher  
Signature  
John A. Fisher (Reg. No. 28,505)  
Name of Person Signing

June 15, 2005  
Date  
Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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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 7<sup>th</sup> 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

[Signature]  
Inventor's Signature

Date: 6/6/2005

MING-REN LIN  
Inventor's Printed Name

STATE OF CALIFORNIA )  
COUNTY OF Santa Clara )

On this 06<sup>th</sup> 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.

[Signature: Winona C. Orange]  
NOTARY PUBLIC  
My Commission Expires: April 1, 2009

