

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard J. Carter</td> <td>08/14/2008</td> </tr> <tr> <td>George J. Kluth</td> <td>08/25/2008</td> </tr> <tr> <td>Michael J. Hargrove</td> <td>08/26/2008</td> </tr> </tbody> </table>		Name	Execution Date	Richard J. Carter	08/14/2008	George J. Kluth	08/25/2008	Michael J. Hargrove	08/26/2008		
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<table border="1"> <tr> <td>Name:</td> <td>Advanced Micro Devices, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7171 Southwest Parkway</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78735</td> </tr> </table>		Name:	Advanced Micro Devices, Inc.	Street Address:	7171 Southwest Parkway	City:	Austin	State/Country:	TEXAS	Postal Code:	78735
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CORRESPONDENCE DATA											
Fax Number: (480)385-5061 Phone: (480) 385-5060 Email: docketing@ifllaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Ingrassia Fisher & Lorenz, P.C. Address Line 1: 7010 E. Cochise Road Address Line 4: Scottsdale, ARIZONA 85253											
ATTORNEY DOCKET NUMBER:	005.0158D1 (NY0273-D1)										
NAME OF SUBMITTER:	Timothy J. Lorenz										
Total Attachments: 4 source=20120613_Assignment_NY0273-D1#page1.tif source=20120613_Assignment_NY0273-D1#page2.tif source=20120613_Assignment_NY0273-D1#page3.tif source=20120613_Assignment_NY0273-D1#page4.tif											

OP \$40.00 13178362

ASSIGNMENT

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

SEMICONDUCTOR DEVICE WITH ISOLATION TRENCH LINER, AND RELATED FABRICATION METHODS

for which application for Letters Patent of the United States:

- ☐ has been executed on even date herewith;
- ☐ executed on _____;
- ☒ was filed on August 27, 2008 and assigned U.S. Application Serial No. 12/199,616;

AND WHEREAS, Advanced Micro Devices, Inc., a ☒ corporation; ☐ partnership; individual ☐ having a place of business at 7171 Southwest Parkway, Austin, Texas 78735, U.S.A. (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.

ASSIGNOR hereby authorizes Advanced Micro Devices, Inc., its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

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

Inventor's Signature: Richard J. Carter Date: 8/14/08

Inventor's Printed Name: **Richard J. CARTER**

WITNESSED BY:

Name: Thomas P. Packer Date: 8/14/08

Address: Johns Hopkins Univ
615 North

Name: Thomas P. Packer Date: 8/14/08

Address: Johns Hopkins Univ
615 North

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

Inventor's Signature: B. J. Kluth Date: 8/25/2008

Inventor's Printed Name: George J. KLUTH

STATE OF New York)
COUNTY OF Dutchess)

On this 25th day of August, 2008, before me personally came the above named George J. KLUTH 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, 2010

MARIE A. ACAMPORA
Notary Public-State of New York
No. 01AC5068879
Qualified in Dutchess County
Commission Expires Nov. 12, 2010

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

Inventor's Signature: Michael Hargrove Date: 8/26/08

Inventor's Printed Name: Michael J. HARGROVE

STATE OF New York)
 COUNTY OF Dutchess)

On this 26th day of August, 2008, before me personally came the above named Michael J. HARGROVE 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.

Kamashi Akella
 NOTARY PUBLIC
 My Commission Expires: 6/30/2012

