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Docket No. 005.0098 (NY0164)	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
<b>1. Name of conveying party(ies)/Execution Date(s):</b>  Doug H. Lee Andreas Knorr  Execution Date(s) <u>01/23/07; and 01/23/07.</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>ADVANCED MICRO DEVICES, INC.</u> Internal Address: _____  Street Address: <u>One AMD Place, P.O. Box 3453</u> <u>M/S 68</u> City: <u>Sunnyvale</u> State: <u>CA</u> Country: <u>United States</u> Zip: <u>94088-3453</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/669,389</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b>  Customer No. <u>29,906</u> Name: <u>John A. Fisher</u> <u>INGRASSIA FISHER &amp; LORENZ, P.C.</u> Internal Address: _____  Street Address: <u>7150 E. Camelback Rd., Ste. 325</u>  City: <u>Scottsdale</u> State: <u>AZ</u> Zip: <u>85251</u> Phone Number: <u>(480) 385-5060</u> Fax Number: <u>(480) 385-5061</u> Email Address: <u>jfisher@ifllaw.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-2091</u> Authorized User Name <u>Mark M. Takahashi</u>
<b>9. Signature:</b> <u>/MARK M. TAKAHASHI/</u> <u>January 31, 2007</u> Signature Date  <u>Mark M. Takahashi (Reg. No. 38,631)</u> Name of Person Signing  Total number of pages including cover sheet, attachments, and documents: <u>7</u>	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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PATENT

Jan 29 07 04:59p

Information Technology

(845) 894- 6968

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United States Utility Patent Application  
Attorney Docket No.: 005.0098 (NY0164)  
First Named Inventor: Doug H. Lee

### ASSIGNMENT

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

### METHODS FOR FABRICATING SEMICONDUCTOR DEVICES HAVING SMALL FEATURES

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; ☐ partnership; individual ☐ having a place of business at ONE AMD PLACE, P.O. BOX 3453, SUNNYVALE, CALIFORNIA 94088-3453, 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.

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

  
 Inventor's Signature
Date: 1/29/07
Doug H. Lee  
 Inventor's Printed Name

 STATE OF NEW YORK )  
 COUNTY OF Dutchess )

On this 29<sup>th</sup> day of January, 2007, before me personally came the above named Doug H. Lee 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: February 21, 2010

WANDA M. SWEAT  
 Notary Public, State of New York  
 No. 019W6141220  
 Qualified in Dutchess County  
 Term Expires February 21, 2010

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

Date: 01/29/07

STATE OF NEW YORK )  
COUNTY OF Dutchess )

On this 29<sup>th</sup> day of January, 2004, before me personally came the above named Andreas Knorr 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.

Wanda Sue B  
NOTARY PUBLIC  
My Commission Expires: February 21, 2010

**WANDA M. SWEAT**  
Notary Public, State of New York  
No. 01SW8141220  
Qualified in Dutchess County  
Term Expires February 21, 2019

## PATENT