

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>Adam R Pawloski</td><td>03/08/2005</td></tr><tr><td>Harry J Levinson</td><td>03/08/2005</td></tr><tr><td>Jongwook Kye</td><td>03/08/2005</td></tr></tbody></table>	Name	Execution Date	Adam R Pawloski	03/08/2005	Harry J Levinson	03/08/2005	Jongwook Kye	03/08/2005	
Name	Execution Date								
Adam R Pawloski	03/08/2005								
Harry J Levinson	03/08/2005								
Jongwook Kye	03/08/2005								
RECEIVING PARTY DATA									
Name:	Advanced Micro Devices, Inc.								
Street Address:	One AMD Place; P.O. Box 3453								
City:	Sunnyvale								
State/Country:	CALIFORNIA								
Postal Code:	94088-3453								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11121437</td></tr></tbody></table>	Property Type	Number	Application Number:	11121437					
Property Type	Number								
Application Number:	11121437								
CORRESPONDENCE DATA									
Fax Number: (216)621-6165 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 216-621-1113									
Email: dgalin@rennerotto.com									
Correspondent Name: M. David Galin									
Address Line 1: 1621 Euclid Ave. - 19th Floor									
Address Line 2: Renner, Otto et al.									
Address Line 4: Cleveland, OHIO 44115									
NAME OF SUBMITTER:	M. David Galin								
Total Attachments: 3 source=H2212 Executed Assignment#page1.tif source=H2212 Executed Assignment#page2.tif source=H2212 Executed Assignment#page3.tif									

CH \$40.00 11121437

PATENT

REEL: 016021 FRAME: 0856

**ASSIGNMENT**

For good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the undersigned

Adam R. Pawloski, 2721 Buena View Court, San Jose, CA 95121  
Harry J. Levinson, 12508 Radoyka Drive, Saratoga, CA 95070  
Jongwook Kye, 2947 Liberty Drive, Pleasanton, CA 94566

hereby sell(s) and assign(s) to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

**METHOD AND APPARATUS FOR REDUCING BIOLOGICAL CONTAMINATION  
IN AN IMMERSION LITHOGRAPHY SYSTEM**

for which application for United States Letters Patent has been filed on 5/4/05 under Serial No. 11/121,437, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, and all United States provisional patent applications on which priority is claimed, including but not limited to, application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts

relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

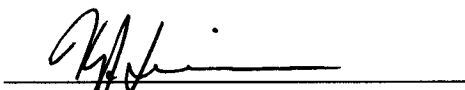
I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Signed:

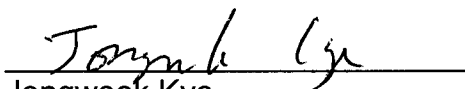
Date:

  
Adam R. Pawloski

03/08/2005

  
Harry J. Levinson

3/8/05

  
Jongwook Kye

3/8/05

**CERTIFICATE OF ACKNOWLEDGMENT**

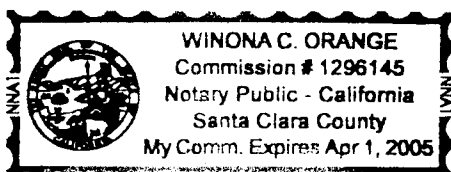
State of California

County of Santa Clara

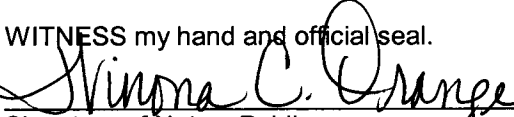
On March 8, 2005 before me, WINONA C. ORANGE, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Adam R. Pawloski  
Name of Signer

☒ personally 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.

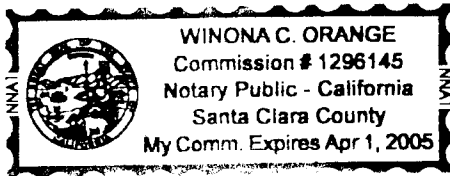


WITNESS my hand and official seal.

  
Signature of Notary Public

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California  
County of Santa Clara  
On March 8, 2005 before me, WINONA C. ORANGE, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared HARRY J. LEVINSON  
Name of Signer



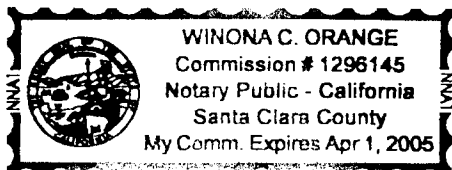
☒ personally known to me - ~~OR~~ ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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.

Winona C. Orange  
Signature of Notary Public

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California  
County of Santa Clara  
On March 8, 2005 before me, WINONA C. ORANGE, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared Jongwook Kye  
Name of Signer



☒ personally 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.

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Winona C. Orange  
Signature of Notary Public