

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Srikanteswara Dakshina-Murthy</td> <td>04/21/2004</td> </tr> <tr> <td>Bhanwar Singh</td> <td>04/08/2004</td> </tr> <tr> <td>Ramkumar Subramanian</td> <td>04/08/2004</td> </tr> </tbody> </table>		Name	Execution Date	Srikanteswara Dakshina-Murthy	04/21/2004	Bhanwar Singh	04/08/2004	Ramkumar Subramanian	04/08/2004
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Srikanteswara Dakshina-Murthy	04/21/2004								
Bhanwar Singh	04/08/2004								
Ramkumar Subramanian	04/08/2004								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Advanced Micro Devices, Inc.								
<b>Street Address:</b>	5204 E. Ben White Blvd.								
<b>City:</b>	Austin								
<b>State/Country:</b>	TEXAS								
<b>Postal Code:</b>	78741								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11741991</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11741991				
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Application Number:	11741991								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(216)696-8731								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	216-696-8730								
<b>Email:</b>	rbellas@thepatentattorneys.com								
<b>Correspondent Name:</b>	Amin, Turocy & Calvin, LLP								
<b>Address Line 1:</b>	24th Floor, National City Center								
<b>Address Line 2:</b>	1900 East 9th Street								
<b>Address Line 4:</b>	Cleveland, OHIO 44114								
<b>ATTORNEY DOCKET NUMBER:</b>	H1901DIV/AMDP980USA								
<b>NAME OF SUBMITTER:</b>	Gregory Turocy								

Total Attachments: 4  
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**500267881**

**PATENT  
 REEL: 019229 FRAME: 0181**

**OP \$40.00 11741991**

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**ASSIGNMENT**

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Srikanteswara Dakshina-Murthy  
258 Townview Drive  
Wappingers Falls, NY 12590

Ramkumar Subramanian  
1155-D La Rochelle Terrace  
Sunnyvale, CA 94089

Bhanwar Singh  
17122 Heatherwood Way  
Morgan Hill, CA 95037

hereby sell and assign 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

**SYSTEM AND METHOD FOR IMPRINT LITHOGRAPHY TO FACILITATE DUAL  
DAMASCENE INTEGRATION WITH TWO IMPRINT ACTS**

for which application for United States Letters Patent has been filed on \_\_\_\_\_ under Serial No. \_\_\_\_\_, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, 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.

Signed:

Date:

S. Dakshinamurthy

4/21/04

Srikanteswara Dakshina-Murthy

**CERTIFICATE OF ACKNOWLEDGMENT**

State of New York

County of Dutchess

On April 21, 2004 before me, Marie A. Acampora, Notary Public  
Name and Title of Officer (e.g. "Jane Doe,

Notary Public")

personally appeared SRIKANTESWARA DAKSHINA-MURTHY  
Name(s) of Signer(s)

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.

Marie A. Acampora  
Signature of Notary Public

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

Signed:

B Singh  
Bhanwar Singh

Date:

April 8, 04

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

County of Santa Clara

On April 8, 2004

before me, WINONA C. ORANGE, Public

Notary  
Public

Name and Title of Officer (e.g., "Jane Doe,

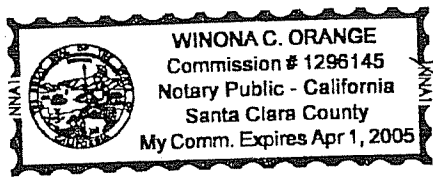
Notary Public")  
personally appeared

Bhanwar Singh

Name(s) of Signer(s)

~~I~~ personally known to me - OR - ~~I~~ 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

Signed:

Date:

Ramkumar Subramanian  
Ramkumar Subramanian

Apr. 8<sup>th</sup> 2004

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

County of Santa Clara

On April 9, 2004

before me,

WINONA C. ORANGE <sup>Notary Public</sup>

Name and Title of Officer (e.g., "Jane Doe,

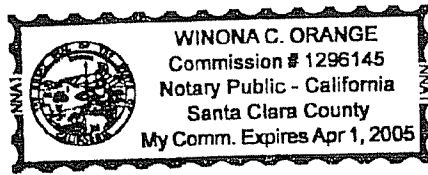
Notary Public")

personally appeared

Ramkumar Subramanian

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WITNESS my hand and official seal.

Winona C. Orange  
Signature of Notary Public