FORM PTO-1595

SHEET

U.S. DEPARTMENT OF COMMERCE

(REV 6-93)		Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Bharath Rangarajan Bhanwar Singh Michael K. Templeton Ramkumar Subramanian		2. Name and address of receiving party(ies):  Name: Advanced Micro Devices  Internal Address:
Additional name(s) of conveying party(ies) attached? [ ] Yes [ X ] No		10/0
[ ] Security	ent [ ] Merger Agreement [ ] Change of Name	Street Address:         One AMD Place         Street           P.O. Box 3453         P.O. Box 3453           City:         Sunnyvale           State/Country:         California         ZIP:         94088-3453
Execution Date:6/29/01, 7/3/01, 9/23/01 A		Additional name(s) & address(es) attached? [ ] Yes [X] No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: 7/3/01, 9/23/01  A. Patent Application No.(s)  B. Patent No.(s)  10/050750		
Additional Numbers attached? [ ] Yes [ X ] No		
correspondend should be mail	address of party to whom ee concerning document ed: Himanshu S. Amin	6. Total number of applications and patents involved: [ 1 ]  7. Total fee (37 CFR 3.41)\$  40.00
Internal Address:		[ X ] Enclosed
Street Address:	Amin & Turocy, LLP  24th Floor, National City Center	[ ] Authorized to be charged to deposit account
City:	1900 E. 9th Street  Cleveland Ohio ZIP: 44114	8. Deposit account number:  50-1063  (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE		
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Himanshu S. Amin  January 16, 2002		
Name of Person Signing Signature Date  Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [6]		
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**PATENT REEL: 012517 FRAME: 0848** 

## ASSIGNMENT

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

Bharath Rangarajan 2295 Dolores Avenue Santa Clara, California 95050 Michael K. Templeton 80 Palmer Lane Atherton, California 94027

Bhanwar Singh 17122 Heatherwood Way Morgan Hill, California 95037 Ramkumar Subramanian 1155-D La Rochelle Terrace Sunnyvale, California 94089

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

## SCATTEROMETRY BASED MEASUREMENTS OF A ROTATING SUBSTRATE

for which application for United States Letters Patent has been filed on 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.

Page 1 of 5

**PATENT** REEL: 012517 FRAME: 0849

Date:

CERTIFICATE OF ACKOWLEDGEMENT

Bharath Rangarajan

santa Clara

before me, WINDNA C

personally appeared Bharath Rangarajan

Name(s) of Signer(s)

Dersonally known to me - OR - A proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005

Date:

CERTIFICATE OF ACKOWLEDGEMENT

State of California

County of Santa Barbara

On Sapt. 23, 2001 before me, Stocy K. Ceretto Wary Kuldic Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Michael K. Templeton

Name(s) of Signer(s)

STACY K. LERETTE Commission # 1227997 otary Public — California Santa Barbara County

□-personally known to me - OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Date:

CERTIFICATE OF ACKOWLEDGEMENT

06/29/01

before me,

personally appeared Bhanwar Singh

Name(s) of Signer(s)

personally known to me OR - W proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County ly Comm. Expires Apr 1, 2005

Date:

Ramkumar Subramanian

CERTIFICATE OF ACKOWLEDGEMENT

before me, WINONA

personally appeared Ramkumar Subramanian

Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

WINONA C. ORANGE Commission # 1296145 Notary Public - California

Santa Clara County fly Comm. Excited Apr 1, 2005

**RECORDED: 01/16/2002**