

01-31-2002

FORM PTO-1595
(REV 6-93)

RE



IEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-011 (exp.4/94)

101971151

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bhanwar SINGH
Arvind HALLIYAL
Ramkumar SUBRAMANIAN

1-17-02

Additional name(s) of conveying

party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: 9/14/01;9/17/01

2. Name and address of receiving party(ies):

Name: Advanced Micro Devices, Inc.

Internal Address: _____

Street Address: One AMD Place, P. O. Box 3453

City: Sunnyvale

State/Country: California, U.S.A. ZIP: 94088

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: 9/14/01;9/17/01

A. Patent Application No.(s)

10,052,142

B. Patent No.(s)

Additional Numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory Turocy

Internal Address: _____

Street Address: Amin & Turocy, L.L.P.
24th Floor, 1900 East 9th Street

City: Cleveland

State: Ohio ZIP: 44114

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)\$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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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.

Gregory Turocy

Name of Person Signing

Signature

Jan 17 2002

Date

Reg. No. 36,952 Total number of pages including cover sheet attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:

01/25/2002 EFLORES 00000096 10052142 Commissioner of Patents & Trademarks, Box Assignments

02 FC:581

40.00 DP

Washington, D.C. 20231

PATENT
REEL: 012511 FRAME: 078110971 U.S. PTO
10/052142

01/17/02

ASSIGNMENT

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

Bhanwar Singh
17122 Heatherwood Way
Morgan Hill, California 95037

Arvind Halliyal
994 Michelangelo Drive
Sunnyvale, California 94087

Ramkumar Subramanian
4271 Norwalk Drive, # X-105
San Jose, California 95129

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

**X-RAY REFLECTANCE SYSTEM TO DETERMINE SUITABILITY OF SION
ARC LAYER**

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:

Bhanwar Singh
Bhanwar Singh

Sept. 17, 01

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Santa Clara

On 09/17/01 before me, WINONA C. ORANGE, Notary Public

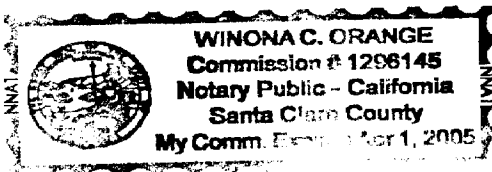
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Bhanwar Singh
Name(s) of Signer(s)

~~I~~ personally known to me ~~OR~~ ☒ 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:

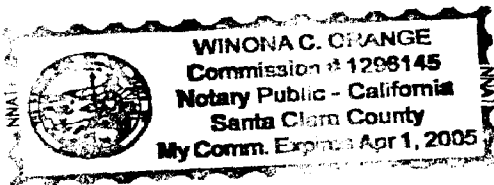
A. Halliyal
Arvind Halliyal

9/17/2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California
County of Santa Clara
On 09/17/01 before me, Winona C. Orange, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Arvind Halliyal
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.

Winona C. Orange
Signature of Notary Public

Signed:

Date:

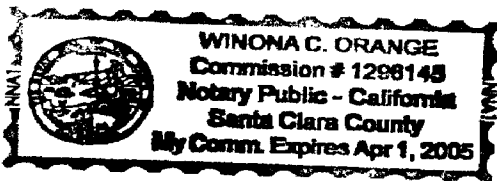
Ramkumar Subramanian
Ramkumar Subramanian

9/14/01

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State of California
County of Santa Clara
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personally appeared Ramkumar Subramanian
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WITNESS my hand and official seal.

Winona C. Orange
Signature of Notary Public