

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



To the Honorable Commissioner of

101178806

attached original documents or copy thereof.

1. Name of conveying party(ies):

Bharath Rangarajan
Bhanwar Singh
Sanjay K. Yedur
Michael K. Templeton

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

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

Name: Advanced Micro Devices

Internal Address:

Street Address: One AMD Place

P.O. Box 3453

City: Sunnyvale

State/Country: California ZIP: 94088-3453

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance: MRD 10-6-99

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

Execution Date: 9/27/99; 10/4/99; 10/5/99

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: 9/27/99; 10/4/99; 10/5/99

A. Patent Application No.(s)

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: Himanshu S. Amin

Internal Address:

Amin, Eschweiler & Turocy, LLP

Street Address: 24th Floor, National City Center

1900 E. 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

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)

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

Name of Person Signing

Signature

October 6, 1999

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [6]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 010314 FRAME: 0490

JD678 U.S. PTO
09/413143
10/06/99

09/19/99
REEL: 010314
04 FC:581

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

Sanjay K. Yedur
444 Saratoga Ave., #27A
Santa Clara, California 95050

Bhanwar Singh
17122 Heatherwood
Morgan Hill, California 95037

Michael K. Templeton
80 Palmer Lane
Atherton, California 94027

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

MULTIPLE NOZZLES FOR DISPENSING RESIST

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:

Bharath Rangarajan

10-4-99

Bharath Rangarajan

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

County of Santa Clara

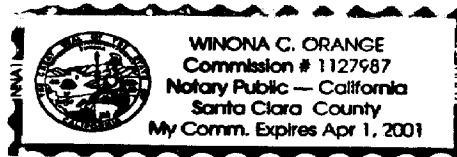
On October 4, 1999 before me, WINONA C. ORANGE, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Bharath Rangarajan
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
Signature of Notary Public



Signed:

Date:

Bhanwar Singh
Bhanwar Singh

10.4.99

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

County of Santa Clara

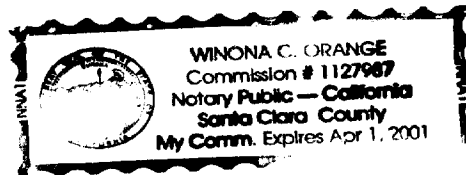
On October 4, 1999 before me, Winona C. Orange, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

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

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
Signature of Notary Public



Signed:

Date:

Y. Yedur
Sanjay K. Yedur

9/27/99

CERTIFICATE OF ACKNOWLEDGEMENT

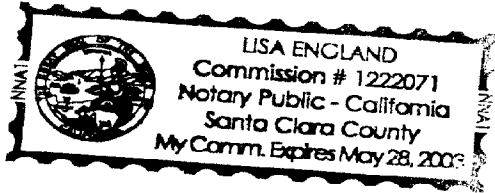
State of California

County of Santa Clara

On Sept 27, 1999 before me, Lisa England, Notary,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sanjay K. Yedur
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.

Lisa England
Signature of Notary Public

Signed:

Date:

Michael K Templeton

5-oct-99

Michael K. Templeton

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

County of Santa Clara

On October 5, 1999 before me, Winona C. Orange, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Michael K. Templeton
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
Signature of Notary Public

