

07-12-2001

IEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICETo the Honorable Commission  
Please record the attached

101775092.....

J1046 U.S. PTO  
09/893847  
06/28/01

1. Name of conveying party(ies):

Balaraman Mani;  
Bill Chen; and  
Che-Hoo NgAdditional name(s) of conveying party(ies) attached?  
\_\_\_ YES \_\_\_ X NO2. Name and address of receiving party(ies):  
Name:

Advanced Micro Devices, Inc.

Internal Address:

Street Address: One AMD Place

City: Sunnyvale

State: CA

Zip: 94088

Additional name(s) & address(es) attached?  
\_\_\_ YES \_\_\_ X NO

3. Nature of conveyance:

X Assignment \_\_\_ Merger

\_\_\_ Security Agreement \_\_\_ Change of Name

\_\_\_ Other \_\_\_\_\_

Execution Date: June 25, 2001

4. Application number(s) or patent number(s):

0 9/893847If this document is being filed together with a new application, the execution date of the application is: June 25, 2001A. Patent Application No.(s):  
(include series code or filing date)

B. Patent No.(s):

Additional application or patent numbers attached? \_\_\_ YES \_\_\_ X NO

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

Name: Monica H. Choi  
Law Office of Monica H. Choi  
Address: P.O. Box 3424  
City: Dublin  
State: Ohio Zip: 43016-02046. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41) ..... \$ 40.00  
X Enclosed \_\_\_ Authorized to charge Deposit Account 50-1178

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. \_\_\_\_\_, as necessary.

07/05/2001 MAHME1 00000001 09893847

DO NOT USE THIS SPACE

04 FC:581

40.00 DP

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.

Monica H. Choi, Reg. No. 41,671  
Name of Person SigningMonica H. Choi  
SignatureJune 28, 2001  
DateAtty. Docket No.: 01-20Total number of pages including cover sheet, attachments and document: Five (5)

**ASSIGNMENT**

Case No.: **01-20**

Serial No.: \_\_\_\_\_

Inventor(s): **Mani, Chen, and Ng**

Date of Execution

of Application: \_\_\_\_\_

Filing Date: \_\_\_\_\_

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**ADVANCED MICRO DEVICES, INC.,  
a corporation organized under the law of the State of Delaware**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**MINIMIZED CONTAMINATION OF SEMICONDUCTOR  
WAFERS WITHIN AN IMPLANTATION SYSTEM**

and identified as:

**Case No. 01-20**

in the Law Office of Monica H. Choi and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

LAW OFFICE OF MONICA H. CHOI  
P.O. BOX 3424  
DUBLIN, OH 43016-0204  
TELEPHONE (614) 789-0240

AMD-G0121

**PATENT  
REEL: 011954 FRAME: 0046**

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand this 25 day of June, 2001.

BALARAMAN MANI  
(B. MANI)

State of California

County of Santa Clara

On 06/25/01 before me, WINONA C. O'NEAL Notary Public  
(Date) (Name and Title of Officer)

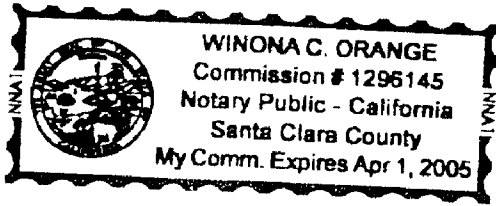
personally appeared BALARAMAN MANI, ~~personally known to me -OR-~~ proved to me on the basis of satisfactory evidence.

to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ authorized capacity, and that by ~~his/her~~ signature on the

LAW OFFICE OF MONICA H. CHOI  
P.O. Box 3424  
DUBLIN, OH 43016-0204  
TELEPHONE (614) 789-0240

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

WITNESS my hand this 21 day of June, 2001.

Bj Chen  
BILL CHEN

State of

California

County of

Santa Clara

On

06/21/01

(Date)

before me,

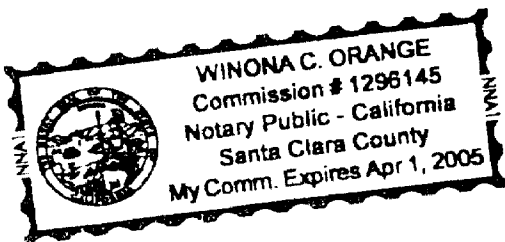
Winona C. Orange,

(Name and Title of Officer)

Notary Public

personally appeared BILL CHEN 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/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ 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

LAW OFFICE OF MONICA H. CHOI  
P.O. Box 3424  
DUBLIN, OH 43016-0204  
TELEPHONE (614) 789-0240

WITNESS my hand this 21 day of June, 2001.

Che  
CHE-HOO NG

State of

California

County of

Santa Clara

On

06/21/01

(Date)

before me,

WINONA C. ORANGE

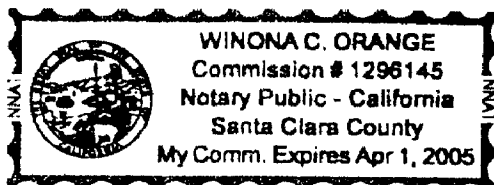
(Name and Title of Officer)

Notary Public

personally appeared CHE-HOO NG 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/she executed the same in his/her authorized capacity, and that by his/her 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

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