

FORM PTO-1596
1-31-92

Docket No.: 50432-543

4/4/02
04-15-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



To the Honorable Commissioner for Patents

attached original documents or copy thereto:

1. Name of Conveying Party(ies):

102055159

Name of receiving party(ies):

Minh Van NGO, Christy Mei-Chu WOO, Steven C. AVANZINO, John E. SANCHEZ, Jr. and Suzette K. PANGRLE

Name: ADVANCED MICRO DEVICES, INC.

Address: One AMD Place
P.O. Box 3453
Sunnyvale, California 94088-3453

Additional name(s) of conveying party(ies) attached? Yes

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: March 22, March 26 and March 27, 2002

Additional name(s) & address(es) attached? Yes

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

If the document is being filed together with a new application, the execution date of the application is: March 22, March 26 and March 27, 2002

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes

10/115245

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

Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: DC Zip: 20005

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:
500417

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.

Arthur J. Steiner, 26,106

April 4, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

04/12/2002 LINDLER 00000147 500417 10115245

01 FC:581 40.00 CH

PATENT
REEL: 012778 FRAME: 0526

JC961 U.S. PTO
10/115245
04/04/02

ASSIGNMENT

K
SKIP LFM/rtb

WHEREAS WE, Minh Van NGO, Christy Mei-Chu WOO, Steven C. AVANZINO, John E. SANCHEZ, Jr., and Suzette R. PANGRLE of 40986 Canyon Heights Drive, Fremont, CA 94539; 10706 Linda Vista Drive, Cupertino, CA 95014; 7504 Barnhart Place, Cupertino, CA 95014; 857 San Jude Street, Palo Alto, CA 94306; and 21849 Linda Lane, Cupertino, CA 95014, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled PROTECTION OF LOW-K ILD DURING DAMASCENE PROCESSING WITH THIN LINER, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of Delaware and having an address of One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Advanced Micro Devices, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Advanced Micro Devices, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date 3/22/02
Date 3-22-2002
Date 3/26/02
Date 3/22/02
Date 27 Mar 02

Mh van ngo
Minh Van Ngo
Christy Mei-Chu Woo
Christy Mei-Chu Woo
Steven C. Avanzino
Steven C. Avanzino
John E. Sanchez, Jr.
John E. Sanchez, Jr.
Suzette R. Pangrle
Suzette R. Pangrle

K. SKP 27 Mar 02

STATE OF CALIFORNIA
COUNTY OF Santa Clara) SS:
CLARK)

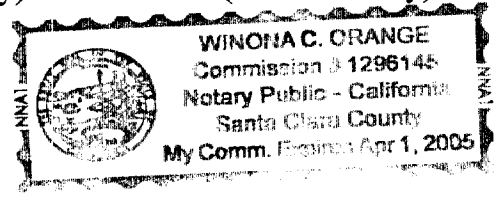
On March 22, 2002 before me, WINONA C. ORANGE, Notary Public,
personally appeared Minh Van Ngo, ~~personally known to me~~ (or proved to me on the basis of
satisfactory evidence) to be the person(s) whose name(s) (is) are subscribed to the within instrument
and acknowledged to me that (he/she/they) executed 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)

(seal of Notary)

My commission expires April 1, 2005



STATE OF CALIFORNIA
COUNTY OF Santa Clara) SS:
CLARK)

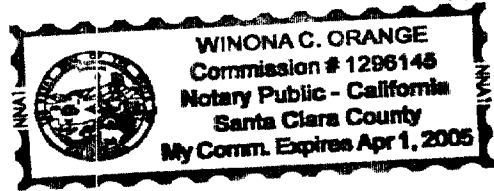
On March 22, 2002 before me, WINONA C. ORANGE, Notary Public,
personally appeared Christy Mei-Chu Woo, ~~personally known to me~~ (or proved to me on the basis
of satisfactory evidence) to be the person(s) whose name(s) (is) are subscribed to the within
instrument and acknowledged to me that (he/she/they) 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)

(seal of Notary)

My commission expires April 1, 2005



STATE OF CALIFORNIA)
 Santa) SS:
COUNTY OF Clara)

On March 26, 2002 before me, WINONA C. ORANGE, Notary Public,
personally appeared Steven C. Avanzino

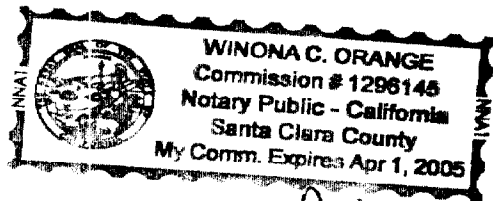
~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)
whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on
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)

(seal of Notary)

My commission expires April 1, 2005



STATE OF CALIFORNIA)
 Santa) SS:
COUNTY OF Clara)

On March 22, 2002 before me, WINONA C. ORANGE, Notary Public,
personally appeared John E. Sanchez, Jr.

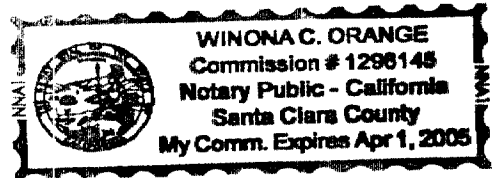
~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)
whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on
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)

(seal of Notary)

My commission expires April 1, 2005



STATE OF CALIFORNIA)
 Santa) SS:
COUNTY OF Clara)

On March 27, 2002 before me, WINONA C. ORANGE, Notary Public,
personally appeared Suzette K. Pangre

~~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

K. 03/27/02
WCO

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)

(seal of Notary)

My commission expires April 1, 2005

