

06-24-2003

FORM PTO-1595
(Rev. 10/02)

REC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50432-604

102481078

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Christy Mei-Chu WOO, Paul R. BESSER, Minh Van NGO, James
N. PAN and Jinsong YINAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: April 3, April 3, May 3, April 11, April 3, 2003

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

Name: ADVANCED MICRO DEVICES, INC.

Address: One AMD Place,
P.O. Box 3453,
Sunnyvale CA 94088-3453Additional name(s) & address(es) attached? ☐ Yes ☐ No

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: April 3, April 3, May 3,
April 11, April 3, 2003

A. Patent Application No(s). 10462670

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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: D. C. Zip: 20005-3096

6. Total number of applications and patents involved:

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.

John A. Hankins, 32,029

June 17, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 7

OMB No. 0651-0027 (exp. 6/30/2005)

06/23/2003 BYRME 00000179 500417 10462670

01 FC:0021 40.00 DA

PATENT
REEL: 014190 FRAME: 0299

ASSIGNMENT

WHEREAS WE, Christy Mei-Chu Woo of 10706 Linda Vista Drive, Cupertino, CA 95014; Paul R. Besser of 1087 Yorktown Drive, Sunnyvale, CA 94087; Minh Van Ngo of 50986 Canyon Heights Drive, Fremont, CA 94539; James N. Pan, 3625 Peterson Way, M/S 143, Santa Clara, CA 95051; and Jinsong Yin, 936 Azure Street, B4, Sunnyvale, CA 94087 and, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ONE STEP DEPOSITION METHOD FOR HIGH-K DIELECTRIC AND METAL GATE ELECTRODE, 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

4-3-2003

Christy Mei-Chu Woo

Christy Mei-Chu Woo

Date

4/3/03

Paul R. Besser

Paul R. Besser

Date

5/3/03

Minh Van Ngo

Minh Van Ngo

Date

James N. Pan

Date

4-03-03

Jinsong Yin

Jinsong Yin

STATE OF CALIFORNIA

COUNTY OF Santa Clara) SS:
Clara)

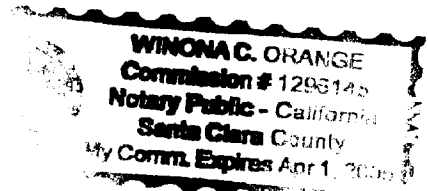
On April 3, 2003 before me, Winona C. Orange, Notary Public, personally appeared Christy Mei-Chu Woo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(x) whose name(x) is/are subscribed to the within instrument and acknowledged to me that ~~he~~she/they 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:
Clara)

On April 3, 2003 before me, Winona C. Orange, Notary Public, personally appeared Paul R. Besser, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(x) whose name(x) 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)

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

(seal of Notary)

My commission expires April 1, 2005

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) SS:

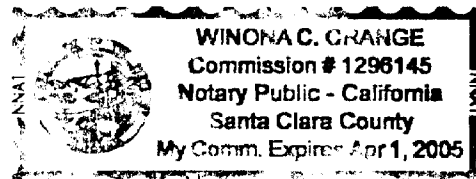
On MAY 12, 2003 before me, WINONA C. ORANGE, Notary Public,
personally appeared Minh Van Ngo, ~~personally known to me (or~~ proved to me on the basis of
satisfactory evidence) to be the person(~~s~~) whose name(~~s~~) is subscribed to the within instrument
and acknowledged to me that he/she/they executed 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, 2003



STATE OF CALIFORNIA)
COUNTY OF _____) SS:

On _____ before me, _____,
personally appeared James N. Pan, 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.

_____ (signature of Notary)

(seal of Notary)

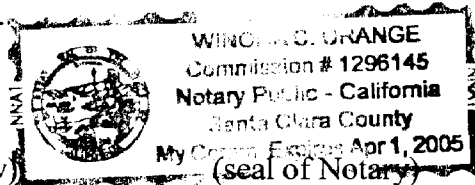
My commission expires _____

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) SS:

On April 3, 2003 before me, WINONA C. ORANGE, Notary Public,
personally appeared Jinsong Yin, ~~personally known to me (or~~ proved to me on the basis of
satisfactory evidence) to be the person(~~s~~) whose name(~~s~~) is 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)



My commission expires April 1, 2005

Date

Christy Mei-Chu Woo

Date

Paul R. Besser

Date

Minh Van Ngo

Date

4/11/03

James N. Pan

James N. Pan

Date

Jinsong Yin

STATE OF)

) SS:

COUNTY OF)

On _____ before me, _____,
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.

_____(signature of Notary)

(seal of Notary)

My commission expires _____

STATE OF)

) SS:

COUNTY OF)

On _____ before me, _____,
personally appeared Paul R. Besser, 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.

_____(signature of Notary)

(seal of Notary)

My commission expires _____

STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____,
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.

_____(signature of Notary) (seal of Notary)

My commission expires _____

STATE OF New York)
) SS:
COUNTY OF Dutchess)

On April 11, 2003 before me, Nicole Rufino,
personally appeared James N. Pan, 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.

Nicole Rufino (signature of Notary)

My commission expires October 26, 2006

(seal of Notary)
NICOLE RUFINO
No. 01RU6015327
Notary Public, State of New York
Qualified in Dutchess County
My Commission Expires Oct. 26, 2006

STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____,
personally appeared Jinsong Yin, 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.

_____(signature of Notary) (seal of Notary)

My commission expires _____