

11-21-2000

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FORM PTO-1596  
1-31-92

RECO

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 52352-769

PATENTS ONLY

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

1. Name of Conveying Parties:

PATON, Matthew S. BYUNOSKI, Paul R. BESSER,  
KING, and Qi XIANGOriginal name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

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

Execution Date: October 16, October 3 and October 4, 2000

2. Name and address of receiving party:

Name: Advanced Micro Devices, Inc.

Address: One AMD Place  
P.O. Box 3453  
Sunnyvale, California 94088-3453Additional 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: October 16, October 3 and  
October 3, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> 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.*

Daniel Bucca, 42,368

October 19, 2000

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

10/23/2000 UYANG1 00000071 500417 09691228

02 FC:581 40.00 CH

PATENT  
REEL: 011249 FRAME: 0355

## **ASSIGNMENT**

WHEREAS WE, Eric Paton, Mathhew S. Byunoski, Paul R. Besser, Paul L. King, Qi Xiang of 498 Rio Grant Ct; Morgan Hill, CA. 95037; 2607 Emerson St., Palo Alto, CA 94306; 3407 Rosefinch Trl., Austin, TX 78746; 1376 Snow St, Mountain View, CA 94041; and 1119 Thames Drive; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGH DIELECTRIC CONSTANT MATERIALS AS GATE DIELECTRICS , 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 of 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 October 2000

Date

Date

10/3/00

Date

10/4/00

Date

Eric Paton

10/16/00

Matthew S. Byunoski

Paul R. Besser

Paul L. King

Qi Xiang

STATE OF CALIFORNIA )

COUNTY OF Santa Clara ) SS:

On October 16, 2000 before me, WINONA C. ORANGE, Notary Public,  
personally appeared Eric Paton

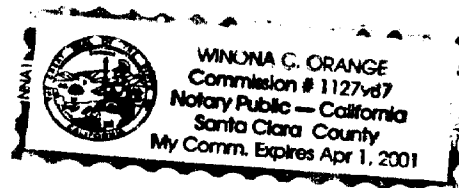
~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s)  
whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they  
executed the same in (his)/her/their authorized capacity(ies), and that by (his)/her/their signature(s) 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, 2001



STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

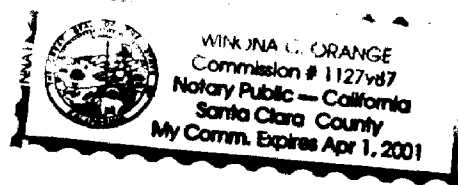
On October 3, 2000 before me, WINONA C. ORANGE, Notary Public,  
personally appeared Matthew S. Byunoski  
~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)  
whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that 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, 2001



STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) SS:

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 Santa Clara )

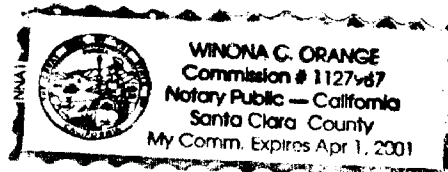
On October 3, 2000 before me, WINONA C. ORANGE, Notary Public,  
personally appeared Paul L. King  
~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)  
whose name(s) ~~(is)~~ are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~  
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, 2001



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

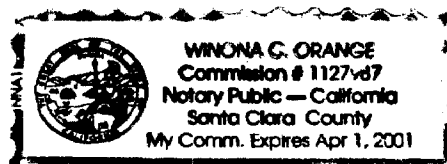
On October 4, 2000 before me, WINONA C. ORANGE, Notary Public,  
personally appeared Qi Xiang  
~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)  
whose name(s) ~~(is)~~ are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~  
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, 2001



**ASSIGNMENT**

WHEREAS WE, Eric Paton, Mathhew S. Byunoski, Paul R. Besser, Paul L. King, Qi Xiang of 498 Rio Grant Ct; Morgan Hill, CA. 95037; 2607 Emerson St., Palo Alto, CA 94306; 3407 Rosefinch Trl., Austin, TX 78746; 1376 Snow St, Mountain View, CA 94041; and 1119 Thames Drive; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGH DIELECTRIC CONSTANT MATERIALS AS GATE DIELECTRICS , 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 of 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.

## Eric Paton

## Matthew S. Byunoski

Paul R Besser

Paul R. Besser

Paul L. King

Qi Xiang

[illegible]

On \_\_\_\_\_ before me, \_\_\_\_\_,  
personally appeared Eric Paton \_\_\_\_\_,  
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 \_\_\_\_\_

COUNTY OF \_\_\_\_\_)

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.

(seal of Notary)

My commission expires \_\_\_\_\_

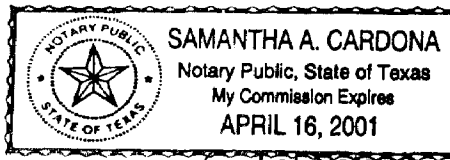
COUNTY OF Leavis

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.

Mananthol Cardona (signature of Notary)

My commission expires April 16, 2001





COUNTY OF \_\_\_\_\_)

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.

(seal of Notary)

My commission expires \_\_\_\_\_

COUNTY OF \_\_\_\_\_)

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.

(seal of Notary)

My commission expires \_\_\_\_\_