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FORM PTO-1596  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 52352-747

PATENTS ONLY

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

1. Name of Conveying Parties:

R. BESSER, Qi XIANG and Matthew S. BUYNOSKI

2. Internal name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

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

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

2. Name and address of receiving party:

Name: Advanced Micro Devices, Inc.  
 Address: One AMD Place  
 P.O. Box 3453  
 Sunnyvale, California 94088-3453

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: October 16, October 4 and October 3, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

5. 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.*

John A. Hankins, 32,029

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 VYANG1 00000070 500417 09691227

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PATENT  
 REEL: 011248 FRAME: 0346

## ASSIGNMENT

WHEREAS WE, Paul R. Besser, Qi Xiang and Matthew Buynoski of Austin, TX; San Jose, CA and Palo Alto, CA , respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled A METAL GATE WITH PVD AMORPHOUS SILICON LAYER AND BARRIER LAYER FOR CMOS DEVICES AND METHOD OF MAKING WITH A REPLACEMENT GATE PROCESS, 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.

10/16/00

Date

Paul R Besser  
Paul R. Besser

10/4/00

Date

Qi Xiang

3 October 2000

Date

Matthew S. Bunoyski

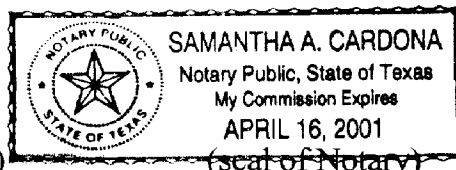
Date

Texas  
STATE OF CALIFORNIA )  
COUNTY OF TRAVIS ) SS:

On October 16, 2000 before me, Samantha A Cardona,  
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.

Samantha A. Cardona (signature of Notary)



My commission expires April 16, 2001

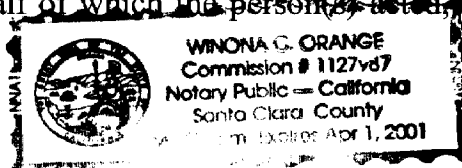
STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

On 10/04/00 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 04/01/01

STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

On 10/03/00 before me, Winona C. Orange, Notary Public,  
personally appeared Matthew S. Buynoski

~~personally known to me (or proved to me on the basis of satisfactory evidence)~~ to be the person(s)  
whose name(s) (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 04/01/01

