

04-17-2001



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FORM PTO-1596
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 52352-886

PATENTS ONLY

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

1. Name of Conveying Party(ies):
Matthew S. BUYNOSKI, Qi XIANG and Paul R. BESSER

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

2. Name and address of receiving party(ies):
Name: ADVANCED MICRO DEVICES, INC.
Address: One AMD Place
P.O. Box 3453
Sunnyvale, California 94088-3453

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: February 22, 2001, March 9, 2001 and
March 14, 2001 (respectively)

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

3/21/01



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: February 22, 2001, March 9, 2001 and March 14, 2001 (respectively)

A. Patent Application No(s).

B. Patent No(s).

09813310

Additional numbers attached? Yes

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.

Aaron Weisstuch, 41,557

March 21, 2001

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

PATENT
REEL: 011673 FRAME: 0452

ASSIGNMENT

WHEREAS WE, Matthew S. Buynoski, Qi Xiang, and Paul R. Besser of Palo Alto, California; San Jose, California; and Austin, Texas, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SEMICONDUCTOR DEVICES WITH DIFFERENTLY COMPOSED METAL-BASED GATE ELECTRODES, 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.

22 Feb 2001

Date

Matthew S. Buynoski

Matthew S. Buynoski

3/9/2001

Date

Qi Xiang

Qi Xiang

3/14/01

Date

Paul R. Besser

Paul R. Besser

Date

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

On 2-22-01 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) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his 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)
Santa) SS:
COUNTY OF Clara)

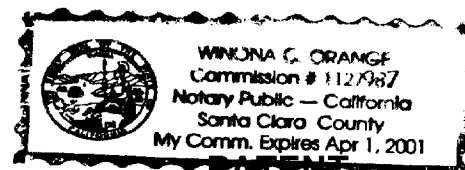
On 3/9/01 before me, WINONA C. ORANGE ^{Notary Public},
personally appeared Qi Xiang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his 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



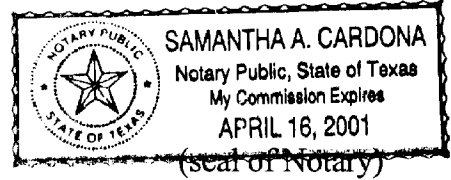
Texas
STATE OF CALIFORNIA)

) SS:
COUNTY OF Travis)

On March 14, 2001 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