

08-18-2003

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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Tab settings ⇄ ⇄ ⇄

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Michael Achter
Xin Guo**

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: **Advanced Micro Devices, Inc.**

Internal Address: _____

Street Address: **One AMD Place, P.O. Box 3453**

City: **Sunnyvale** State: **CA** Zip: **94088-3453**

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: **June 11, 2003**

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

If this document is being filed together with a new application, the execution date of the application is: **June 11, 2003**

A. Patent Application No. (s)

10,635,974

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Michael Farjami, Esq.**

Internal Address: **Farjami & Farjami LLP**

Street Address: **16148 Sand Canyon**

City: **Irvine** State: **California** Zip: **92618**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41). \$ **40.00**

- Enclosed (Payment by Credit Card Form PTO-2038 enclosed)
- Authorized to be charged to deposit account

8. Deposit account number:

50-0731

(Attach duplicate copy of this page if paying by deposit account)

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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.

Michael Farjami, Esq.

Name of Person Signing

[Signature]
Signature

8/7/03

Date

Total number of pages including cover sheet, attachments, and documents: **3**

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner of Patents, P.O. Box 1450
Alexandria, VA 22313-1450

08/11/2003 REMITTANCE 00000018 10635974

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08/07/03

**PATENT
REEL: 014385 FRAME: 0579**

ASSIGNMENT

WHEREAS, WE , (1) Michael Achter; and (2) Xin Guo residing at (1) 1115A Reed Avenue, Sunnyvale, CA 94086; and (2) 1929 Crisanto Avenue #1205, Mountain View, CA 94040 have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled Memory Circuit for Providing Word Line Redundancy in a Memory Sector, filed herewith;

AND WHEREAS ADVANCED MICRO DEVICES, INC., a Delaware corporation (hereinafter, together with any successors, legal representatives or assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor(s) certificates, and the like), heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and WE hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, WE hereunto set my hand this 11 day of JUNE, 2003.

[Signature]
Michael Achter

STATE OF California)
COUNTY OF Santa Clara) SS.

On June 11, 2003, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Michael Achter, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the above assignment the person, or the entity upon behalf of which the person acted, executed the assignment.

WITNESS my hand and official seal.
Signature Morena G. Pacheco



IN TESTIMONY WHEREOF, WE hereunto set my hand this 28 day of May, 2003.

[Signature]
Xin Guo

STATE OF California)
COUNTY OF Santa Clara) SS.

On May 28, 2003, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Xin Guo, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the above assignment the person, or the entity upon behalf of which the person acted, executed the assignment.

WITNESS my hand and official seal.
Signature Morena G. Pacheco

