

11-19-1998

-Atty. Dkt. No. 39153-109-



FORM PTO-1595 (modified)

(Rev 6-93)

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

**PATENTS ONLY**

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

McAd 11-6-98

549 U.S. PTO  
09/18/842  
11/06/98

1. Name of conveying party(ies):

Bin Yu  
Ming-Ren Lin

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

Advanced Micro Devices, Inc.  
One AMD Place  
P.O. Box 3453  
Sunnyvale, Ca 94088-3453

Additional conveying party(ies) attached? **no**

3. Nature of conveyance:

**ASSIGNMENT**

Execution Date:

10/19/98, 11/3/98

Additional name(s) & address(es) attached? **no**

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

If this is being filed together with a new application, the execution date of the application is: 10/19/98, 11/3/98

A. Patent Application Number(s):

B. Patent Numbers(s):

Additional numbers attached? **no**

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

Joseph N. Ziebert  
FOLEY & LARDNER  
Firststar Center  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-5367

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

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

Check Enclosed

Charge to deposit account (duplicate copy attached)

8. Deposit account number: **06-1447**

**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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Joseph N. Ziebert

Name of person signing

*Joseph N. Ziebert*

Signature

11-5-98  
01 FC:581

Date

Total number of pages including cover sheet, attachments, and document: **4**

Mail documents to be recorded with required recordation cover sheet(s) to:  
Commissioner of Patents & Trademarks, Box ASSIGNMENTS, Washington D.C. 20231

**PATENT**  
**REEL: 9583 FRAME: 0595**

**ASSIGNMENT AND AGREEMENT**

**WHEREAS**, Bin Yu of 3280 Red Cedar Terrace, Fremont, CA 94536, and Ming-Ren Lin of 10970 Santa Teresa Dr., Cupertino, CA 95014, (hereinafter referred to singly and collectively as "ASSIGNOR") have jointly invented a certain invention entitled **INTEGRATED CIRCUIT HAVING TRANSISTORS WITH DIFFERENT THRESHOLD VOLTAGES** (Atty. Dkt. No. 39153-109) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

**WHEREAS**, **Advanced Micro Devices, Inc.**, a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088-3453 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

**NOW THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

**ASSIGNOR HEREBY AUTHORIZES AND REQUESTS** the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

**ASSIGNOR HEREBY AGREES** (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

**ASSIGNOR HEREBY REPRESENTS AND WARRANTS** that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

**ASSIGNOR HEREBY GRANTS** to the law firm of **FOLEY & LARDNER** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**ASSIGNOR UNDERSTANDS AND AGREES** that the attorneys and agents of the law firm of **FOLEY & LARDNER** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

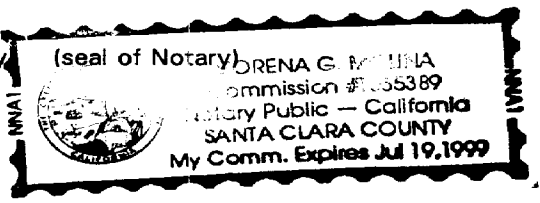
Executed this 19 day of Oct, 19 98.

B. Yu  
Bin Yu

State of California )  
County of Santa Clara ) ss.

On Oct. 19, 1998 (date) before me, Morena G. Molina, Notary Public (name and title "Notary Public"), personally appeared Bin Yu (name of signer(s)), 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.  
Morena G. Molina (signature of Notary)



Executed this 3rd day of NOV., 1998.

Ming-Ren Lin  
Ming-Ren Lin

State of California )  
County of Santa Clara ) ss.

On Nov. 3, 1998 (date) before me, Morena G. Molina, Notary Public (name and title),  
"Notary Public"), personally appeared Ming-Ren Lin (name of signer(s)),  
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.

Morena G. Molina

(signature of Notary) (seal of Notary)

