11-16-1998

:R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office (Rev 6-93) 100877249 To the Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Bin Yu 11-6-98 Shekhar Pramanick Advanced Micro Devices, One AMD Place P.O. Box 3453 Additional conveying party(ies) attached? no Sunnyvale, California 94088-3453 3. Nature of conveyance: ASSIGNMENT **Execution Date:** 10/19/98 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 B. Patent Numbers(s): A. Patent Application Number(s): Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: 1 concerning document should be mailed: Steven C. Becker 7. Total fee (37 C.F.R. § 3.41): \$40.00 FOLEY & LARDNER Check Enclosed Firstar Center 777 East Wisconsin Avenue Charge to deposit account (duplicate copy attached) Milwaukee, Wisconsin 53202-5367 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 11/12/1998 DNGUYEN 00000071 09187252

Date

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

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

PATENT

REEL: 9572 FRAME: 0940

ASSIGNMENT AND AGREEMENT

WHEREAS, Bin Yu of 3280 Red Cedar Terrace, Fremont, CA 94536, and Shekhar Pramanick of 1322 Steelhead Common, Fremont, CA 94536, (hereinafter referred to singly and collectively as "ASSIGNOR") have jointly invented a certain invention entitled METHOD OF FABRICATING AN INTEGRATED CIRCUIT HAVING PUNCH-THROUGH SUPPRESSION (Atty. Dkt. No. 39153-112) 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.

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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 9.8
Bi Ch
State of California) Bin Yu
State of <u>California</u>) ss. County of <u>Santa Clara</u>)
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/pre 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

WITNESS my hand and official seal.

(signature of Nota

person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Notification #1055389 lotary Public — California SANTA CLARA COUNTY My Comm. Expires Jul 19,1999

Executed this 9 day of 0 dhw , 1998.	
Downand	
Shekhar Pramanick	
State of (alefornia)	
County of Santa Chara) ss.	
On Oct - 19,199 (date) before me, forwa (T. Maina Notary Tublic, (name and title 'Notary Public"), personally appeared 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) (signature of Notary) (signature of Notary Public — Conforms Notary Public — Conforms Sania Clara County Sania Clara Clara C	he

RECORDED: 11/06/1998