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## 08-30-1999

FORM PTO-1596 RECORD <sub>1</sub>	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Docket No.: 50100-932	101129920 Please record the attached original documents or copy thereto:
Name of Conveying Party(ies):  1. Name of Conveying Party(ies):	Name and address of receiving party(ies):
Terence MANCHESTER	Name: Advanced Micro Devices, Inc. Address: One AMD Place, P.O. Box 3453
Additional name(s) of conveying party(ies) attached? [ Yes	3.5 2.5 2.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3
3. Nature of Conveyance:  Assignment Merger  Security Agreement Change of Name  Other	Sunnyvale, California 94088-3453
Execution Date: August 18, 1999	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,  A. Patent Application No(s).	B. Patent No(s).
Additional numb	ers attached?  Yes
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: MCDERMOTT, WILL & EMERY Internal Address:	7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account
Street Address: 600 13th Street, N.W.	8. Deposit account number: 500417
City: Washington State: DC Zip: 20005	,
1 FC:581 40.00 CH DO NOT US	SE THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inf of the original document.	formation is true and correct and any attached copy is a true copy
Arthur J. Steiner, 26,106	M Tay August 20, 1999
Name and Registration No. of Person Signing	Signature Date
	Total number of pages comprising cover sheet: 1
CMB No. 0851-0011 (exp. 4/94)	

Docket No.: 50100-932

## **ASSIGNMENT**

WHEREAS I, Terence Manchester of 124 Adrian Place, Los Gatos, CA 95032, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SIMPLIFIED METHOD OF FORMING SELF-ALIGNED VIAS IN A SEMICONDUCTOR DEVICE, executed by me 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, I 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, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I 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 I 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.

PATENT REEL: 010192 FRAME: 0291

Aug 18 1999	Jeren mant
Date	Terence Manchester
STATE OF CALIFORNIA ) SS:	
COUNTY OF Santa Claya	
On August 19, 199 before mersonally appeared Terence Manchester	ie, WINONA C. DRANGE, Public.
whose name(s) (s) are subscribed to the within i	ne basis of satisfactory evidence) to be the person(x) instrument and acknowledged to me that (he/she/they apacity(ies)), and that by (his/her/their signature(x)) on
	behalf of which the person(s) acted, executed the
WITNESS my hand and official seal.	
My commission expires Uprill, 20	signature of Notary) (seal of Notary)
•	WINONA C. ORANGE Commission # 1127987 Notary Public — Catifornia Santa Clara County My Comm. Expires Apr 1, 2001