## 06-04-1998



U.S. DEPARTMENT OF COMMER Patent and Trademark Office

FORM PTO-1596

1-31-92

DOCKET NO.: 50100-717 (1033 , 100720000		
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereto:	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Jeffrey A. SHIELDS	Name: Advanced Micro Devices, Inc.	
	Internal Address:	
Additional name(s) of conveying party(ies) attached?Yes _X_No		
3. Nature of conveyance:		
X Assignment Merger	Street Address: One AMD Place, P. O. Box 3453	
Security Agreement Change of Name		
Other	City: Sunnyvale State/Country: CA ZIP: 94088-	
	3453	
Execution Date: May 1, 1998	Additional name(s) & address(es) attached? Yes X No	
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: May 1, 1998	
A. Patent Application No(s).	B. Patent No(s).	
Additional numbers atta	ached? Yes _X No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1	
concerning document should be mailed:		
Name: McDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address:	Enclosed	
	X Authorized to be charged to deposit account	
Street Address: 99 Canal Center Plaza, Suite 300	8. Deposit account number:	
	·	
	500417	
City: Alexandria State: VA ZIP: 22314		
DO NOT US	E THIS SPACE	
9. Statement and signature.  To the heat of my knowledge and helief, the foregoing information is	true and correct and any attached copy is a true copy of the original	
document.	1 Copy of the original	
	M/ Ena	
Arthur J. Steiner, 26,106	May 8, 1998	
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: 9205 FRAME: 0503

## **ASSIGNMENT**

WHEREAS I, Jeffrey A. Shields of Sunnyvale, CA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled BORDERLESS VIAS WITHOUT DEGRADATION OF HSQ GAP FILL LAYERS, 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 <u>Delaware</u> 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 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.

5/1/98	Jelley A. Shelds	
Date	Jeffrey A. Shields	
STATE OF CALIFORNIA ) SS:		
on Nay 1st., 1998 personally appeared Jeffrey A. Shields personally known to me (or proved to m subscribed to the within instrument a	ie on the basis of satisfactory evic nd acknowledged to me that h /ber/tbeir signature(s) on the inst	Molina, Notary Public,  dence) to be the person(s) whose name(s) is/are e/she/they executed the same in his/her/their rument the person(s), or the entity upon behalf
WITNESS my hand and official seal.  My commission expires	(signature of Notary)  / 999.	MORENA G. MOLINA Commission #1065389 Notary Public — California SANTA CLARA COUNTY My Comm. Expires Jul 19,1999

PATENT REEL: 9205 FRAME: 0504